The academic programs of the State University College at Old Westbury are registered by the New York State Department of Education and accredited by the Middle States Association of Colleges and Schools’ Commission on Higher Education. State University College at Old Westbury received its initial accreditation in February, 1976. The New York State Department of Education may be contacted at the following address: New York State Department of Education, Office of Higher Education and the Professions, Cultural Education Center, Room 5B28, Albany, N.Y. 12230, telephone (518) 474-5851.

Admission procedures, tuition, fees, courses of instruction, programs of study and academic regulations are subject to change. This catalog is published every two years; therefore some information contained herein may be outdated. For current information, contact the Office of Academic Affairs, P.O. Box 210, Old Westbury, New York 11568-0210, telephone (516) 876-3135.

No persons are authorized to make any representations or promises on behalf of the College other than those contained in this catalog. This catalog is descriptive and is not to be construed as a legal contract.

Direct inquiries to the pertinent office (Admissions, Registrar, Financial Aid, or Bursar) at the State University College at Old Westbury, Old Westbury, New York 11568-0210. Telephone (main switchboard): (516) 876-3000. (See telephone listings by department, inside front cover.)

The State University of New York does not discriminate on the basis of race, sex, religion, sexual orientation, national origin, ethnicity, age, disability or marital status in admissions, employment and treatment of its students and employees.
### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Calendar</td>
<td>5</td>
</tr>
<tr>
<td>At a Glance</td>
<td>10</td>
</tr>
<tr>
<td>The President's Message</td>
<td>11</td>
</tr>
<tr>
<td>Admissions Information</td>
<td>12</td>
</tr>
<tr>
<td>Tuition And Fee Information</td>
<td>19</td>
</tr>
<tr>
<td>Application Process</td>
<td>23</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>27</td>
</tr>
<tr>
<td>Student Affairs</td>
<td>29</td>
</tr>
<tr>
<td>Counseling &amp; Career Services</td>
<td>30</td>
</tr>
<tr>
<td>Career Services</td>
<td>30</td>
</tr>
<tr>
<td>Counseling Services</td>
<td>30</td>
</tr>
<tr>
<td>Residential Life</td>
<td>30</td>
</tr>
<tr>
<td>Laws, Policies and Regulations Governing Campus Life</td>
<td>32</td>
</tr>
<tr>
<td>University Police Department (UPD)</td>
<td>32</td>
</tr>
<tr>
<td>Identification (I.D.) Cards, Vehicle Registration (Parking Permits)</td>
<td>32</td>
</tr>
<tr>
<td>College Campus Safety Report</td>
<td>32</td>
</tr>
<tr>
<td>Vehicle Registration (Parking Permits)</td>
<td>32</td>
</tr>
<tr>
<td>Campus Codes and Policies</td>
<td>32</td>
</tr>
<tr>
<td>Code for Student Conduct</td>
<td>32</td>
</tr>
<tr>
<td>Drug &amp; Alcohol Policy</td>
<td>33</td>
</tr>
<tr>
<td>Bias/Hate Crimes on Campus</td>
<td>33</td>
</tr>
<tr>
<td>Committee on Animal Experimentation</td>
<td>33</td>
</tr>
<tr>
<td>Computer Equipment, Facilities and Data Policy</td>
<td>33</td>
</tr>
<tr>
<td>Institutional Review Board</td>
<td>33</td>
</tr>
<tr>
<td>Non-Discrimination / Anti-Harassment Policy</td>
<td>33</td>
</tr>
<tr>
<td>Federal and State Regulations</td>
<td>35</td>
</tr>
<tr>
<td>The Rules and Regulations for Maintenance of Public Order</td>
<td>35</td>
</tr>
<tr>
<td>Education Law</td>
<td>35</td>
</tr>
<tr>
<td>Facilities Access for Persons with Disabilities</td>
<td>35</td>
</tr>
<tr>
<td>Family Educational Rights and Privacy Act of 1974</td>
<td>36</td>
</tr>
<tr>
<td>Access to Student Records</td>
<td>36</td>
</tr>
<tr>
<td>Public Health Law</td>
<td>36</td>
</tr>
<tr>
<td>Academic Policies and Procedures</td>
<td>37</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>37</td>
</tr>
<tr>
<td>Mastery of American English Language Skills</td>
<td>37</td>
</tr>
<tr>
<td>Placement Levels</td>
<td>37</td>
</tr>
<tr>
<td>English for Speakers of Other Languages (ESOL)</td>
<td>37</td>
</tr>
<tr>
<td>Basic English (BE I &amp; II)</td>
<td>37</td>
</tr>
<tr>
<td>English Composition I &amp; II</td>
<td>37</td>
</tr>
<tr>
<td>English Mastery Satisfied (EMS)</td>
<td>37</td>
</tr>
<tr>
<td>Prerequisites on Departmental Course Descriptions</td>
<td>37</td>
</tr>
<tr>
<td>Mastery of Computational Skills</td>
<td>38</td>
</tr>
<tr>
<td>Placement Levels</td>
<td>38</td>
</tr>
<tr>
<td>Academic Policies and Standards</td>
<td>38</td>
</tr>
<tr>
<td>Residency Requirement</td>
<td>38</td>
</tr>
<tr>
<td>General Education Program</td>
<td>40</td>
</tr>
<tr>
<td>First Year Program</td>
<td>40</td>
</tr>
<tr>
<td>Academic Adviser for First Time To College Students</td>
<td>40</td>
</tr>
<tr>
<td>Registration</td>
<td>40</td>
</tr>
<tr>
<td>Course Prerequisites</td>
<td>41</td>
</tr>
<tr>
<td>Categories of Students</td>
<td>41</td>
</tr>
<tr>
<td>Lower Division</td>
<td>41</td>
</tr>
<tr>
<td>Upper Division</td>
<td>41</td>
</tr>
<tr>
<td>Transfer Credit</td>
<td>41</td>
</tr>
<tr>
<td>Articulation Agreements</td>
<td>41</td>
</tr>
<tr>
<td>Joint Agreements</td>
<td>41</td>
</tr>
<tr>
<td>Policies and Procedures Regarding Transfer Credits</td>
<td>41</td>
</tr>
<tr>
<td>Other Conditions of Transfer</td>
<td>42</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>42</td>
</tr>
<tr>
<td>Academic Credit for Military Training</td>
<td>42</td>
</tr>
<tr>
<td>Accreditation Program for Experiential Learning (APEL)</td>
<td>43</td>
</tr>
<tr>
<td>Declaration of Major</td>
<td>43</td>
</tr>
<tr>
<td>Dual Major</td>
<td>43</td>
</tr>
<tr>
<td>Academic Workload</td>
<td>43</td>
</tr>
<tr>
<td>Academic Class Level</td>
<td>43</td>
</tr>
<tr>
<td>Academic Course Level</td>
<td>44</td>
</tr>
<tr>
<td>Course Coding</td>
<td>44</td>
</tr>
<tr>
<td>Independent Study</td>
<td>44</td>
</tr>
<tr>
<td>Grading System</td>
<td>44</td>
</tr>
<tr>
<td>Credit/No Credit</td>
<td>45</td>
</tr>
<tr>
<td>Incomplete</td>
<td>45</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>45</td>
</tr>
<tr>
<td>Other Information on Grades</td>
<td>45</td>
</tr>
<tr>
<td>Grade-Point Average (GPA)</td>
<td>46</td>
</tr>
<tr>
<td>Mid-Term Grades</td>
<td>46</td>
</tr>
<tr>
<td>Dean's List</td>
<td>46</td>
</tr>
<tr>
<td>Auditing</td>
<td>46</td>
</tr>
<tr>
<td>Transcripts</td>
<td>46</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>46</td>
</tr>
<tr>
<td>Minimum Grade-Point Average (GPA) Requirements</td>
<td>46</td>
</tr>
<tr>
<td>Criteria for Academic Probation, Suspension, Dismissal</td>
<td>46</td>
</tr>
<tr>
<td>Reinstatement</td>
<td>47</td>
</tr>
<tr>
<td>Academic Integrity</td>
<td>47</td>
</tr>
<tr>
<td>Cheating</td>
<td>47</td>
</tr>
<tr>
<td>Forgery</td>
<td>47</td>
</tr>
<tr>
<td>Plagiarism</td>
<td>48</td>
</tr>
<tr>
<td>Assessment of Penalties</td>
<td>48</td>
</tr>
<tr>
<td>Appeal/Procedures</td>
<td>48</td>
</tr>
<tr>
<td>ACADEMIC GRIEVANCE PROCEDURES</td>
<td>48</td>
</tr>
<tr>
<td>Application for Graduation</td>
<td>50</td>
</tr>
<tr>
<td>Graduation Statistics</td>
<td>50</td>
</tr>
<tr>
<td>Second Degrees</td>
<td>50</td>
</tr>
<tr>
<td>Veterans</td>
<td>50</td>
</tr>
<tr>
<td>Academic Support Services</td>
<td>51</td>
</tr>
<tr>
<td>Basic Education Program (BEP)</td>
<td>51</td>
</tr>
<tr>
<td>Educational Opportunity Program</td>
<td>51</td>
</tr>
<tr>
<td>Services for Students with Disabilities</td>
<td>51</td>
</tr>
<tr>
<td>Student Computing</td>
<td>52</td>
</tr>
<tr>
<td>International Study</td>
<td>52</td>
</tr>
<tr>
<td>Learning Centers</td>
<td>52</td>
</tr>
<tr>
<td>Women's Center</td>
<td>52</td>
</tr>
<tr>
<td>Old Westbury Writing Center</td>
<td>52</td>
</tr>
<tr>
<td>Math Learning Center</td>
<td>53</td>
</tr>
<tr>
<td>Academic Support Facilities</td>
<td>54</td>
</tr>
<tr>
<td>The Campus Buildings</td>
<td>54</td>
</tr>
<tr>
<td>The Library</td>
<td>54</td>
</tr>
<tr>
<td>The John and Lillian Maguire Theater</td>
<td>54</td>
</tr>
<tr>
<td>The Duane L. Jones Recital Hall</td>
<td>54</td>
</tr>
<tr>
<td>Science Laboratories</td>
<td>54</td>
</tr>
<tr>
<td>Studios</td>
<td>54</td>
</tr>
<tr>
<td>Amelie A. Wallace Gallery</td>
<td>54</td>
</tr>
<tr>
<td>F. Ambrose Clark Physical Education and Recreation Center (Clark Center)</td>
<td>55</td>
</tr>
<tr>
<td>Other Services and Facilities</td>
<td>55</td>
</tr>
<tr>
<td>College at Old Westbury Alumni/Alumnae Association</td>
<td>55</td>
</tr>
<tr>
<td>Administrative Computing Services</td>
<td>55</td>
</tr>
<tr>
<td>Academic Departments</td>
<td>56</td>
</tr>
<tr>
<td>School of Arts and Sciences</td>
<td>57</td>
</tr>
<tr>
<td>American Studies</td>
<td>58</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>60</td>
</tr>
<tr>
<td>Requirements for Entry into Basic Biology I and II</td>
<td>60</td>
</tr>
<tr>
<td>Undergraduate Research Opportunity Programs</td>
<td>60</td>
</tr>
<tr>
<td>Environmental Studies and Ecology</td>
<td>63</td>
</tr>
<tr>
<td>Health and Society</td>
<td>63</td>
</tr>
<tr>
<td>Requirements for a Bachelor of Science (B.S.) Degree in Health and Society</td>
<td>63</td>
</tr>
<tr>
<td>Chemistry and Physics</td>
<td>65</td>
</tr>
<tr>
<td>The Major in Chemistry</td>
<td>65</td>
</tr>
<tr>
<td>The Major in Biochemistry</td>
<td>65</td>
</tr>
<tr>
<td>Physics Courses</td>
<td>65</td>
</tr>
<tr>
<td>English</td>
<td>68</td>
</tr>
<tr>
<td>Bachelor of Arts (B.A.) Degree in English</td>
<td>68</td>
</tr>
<tr>
<td>Courses in Composition</td>
<td>70</td>
</tr>
<tr>
<td>General Education Courses</td>
<td>70</td>
</tr>
<tr>
<td>Poetry Center</td>
<td>70</td>
</tr>
<tr>
<td>History and Philosophy</td>
<td>71</td>
</tr>
<tr>
<td>The Curriculum</td>
<td>71</td>
</tr>
</tbody>
</table>
Requirements for a Bachelor of Arts Degree in Comparative Humanities 12
History Track ................................................................. 72
Requirements for a Bachelor of Arts Degree in Philosophy and Religion 73
Industrial and Labor Relations (Politics, Economics, and Law) .................. 73
B.A. Degree in Adolescence Education: Social Studies (grades 7-12)........ 73
Careers and Graduate Education........................................... 74
Internships ......................................................................... 74
Life Long Learners (LLL) ....................................................... 74
Requirements for a Bachelor of Arts (B.A.) Degree in Industrial and Labor Relations .................................................. 74
Mathematics, Computer & Information Science (Math/CIS) .................. 76
Computer & Information Science (CS) ................................... 76
Management Information Systems (MIS) .................................... 78
Requirements for the Bachelor of Science (B.S.) Degree in Management Information Systems .................................................. 78
Mathematics Learning Center .................................................. 79
Requirements for a Bachelor of Science (B.S.) Degree in Mathematics ......... 79
Management Information Systems Major .................................. 80
Media and Communications (American Studies Department) ............... 81
Requirements for a Bachelor of Arts (B.A.) Degree in Media and Communications .......................................................... 81
Modern Language .................................................................... 83
Careers and Graduate Education ............................................. 83
The Hispanic/Latino Cultural Center ........................................ 83
Internships and Study Abroad .................................................. 84
Requirements for Certificate in Spanish ...................................... 84
Requirements for a Bachelor of Arts Degree in Spanish Language, Hispanic Literature and Culture .................................................. 84
Politics, Economics and Law ................................................... 86
Pre-Law Center ...................................................................... 86
Bachelor of Arts (B.A.) Degree in Politics, Economics & Law................. 87
Minors ................................................................................... 88
Global Studies Minor ......................................................... 88
Industrial and Labor Relations Minor ....................................... 88
Pre-Law Minor ...................................................................... 88
Public Policy Minor ............................................................. 88
Psychology .......................................................................... 89
Requirements for a Bachelor of Science (B.S.) Degree in Psychology ....... 89
Declaring a Major ................................................................... 91
Sociology ............................................................................ 92
Graduate School Preparation .................................................. 92
Requirements for a Bachelor of Arts (B.A.) Degree or Bachelor of Science (B.S.) Degree in Sociology .................................................. 92
Requirements for Bachelor of Science (B.S.) Degree in Criminology ....... 94
Visual Arts .......................................................................... 95
B.S. Degree in Visual Arts: Electronic Media ..................................... 95
Requirements for a Bachelor of Arts (B.A.) Degree in Visual Arts or Bachelor of Science (B.S.) Degree in Visual Arts: Electronic Media .... 96
School of Business ............................................................... 99
Accounting, Taxation and Business Law ................................. 101
Requirements for the Bachelor of Science (B.S.) Degree in Accounting .......... 101
Requirements for the Bachelor of Science (B.S.) Degree in Finance ............... 102
Management And Marketing ................................................. 103
Requirements for the Bachelor of Science (B.S.) Degree in Business Administration ........................................................................ 103
School of Education ............................................................ 105
Childhood Education ................................................................ 108
Bachelor of Science (B.S.) Degree in Childhood Education (Grades 1-6) ... 108
Bachelor of Science (B.S.) Degree in Childhood Education with a Bilingual Extension/Spanish (Grades 1-6) ........................................ 108
Exceptional Education and Learning ........................................... 109
Bachelor of Science (B.S.) Degree in Exceptional Education and Childhood Education (Grades 1 to 6) (Dual Certification) ......................... 109
Bachelor of Science (B.S.) Degree in EXCEPTIONAL Education with a Bilingual Extension/Spanish .................................................. 109
Bachelor of Science (B.S.) Degree in Middle Childhood Education - Biology - Grades 5-9 .......................................................... 112
Adolescence Education – Science ............................................. 112
Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) Degree in Adolescence Education - Biology - Grades 7-12 ........................................ 112
Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) Degree in Adolescence Education - Chemistry - Grades 7-12 ........................................ 112
Bachelor of Science (B.S.) Degree in Middle Childhood Education - Chemistry - Grades 5-9 .......................................................... 113
Adolescence Education – Mathematics ....................................... 113
Bachelor of Science (B.S.) Degree in Adolescence Education - Mathematics - Grades 7-12 .......................................................... 113
Bachelor of Science (B.S.) Degree in Middle Childhood Education - Mathematics - Grades 5-9 .......................................................... 114
Adolescence Education – Spanish ............................................. 115
Bachelor of Arts (B.A.) Degree in Adolescence Education - Spanish - Grades 7-12 .......................................................... 115
Bachelor of Science (B.S.) Degree in Middle Childhood Education - Spanish - Grades 5-9 .......................................................... 115
Adolescence Education – Social Studies .................................... 116
Bachelor of Arts (B.A.) Degree in Adolescence Education - Social Studies - Grades 7-12 .......................................................... 116
Other Academic Offerings ..................................................... 118
Premedical and Pre-Health Professions Studies ............................. 118
Minors ................................................................................. 119
Accounting Minor .................................................................... 119
African American Studies Minor ............................................. 120
Computer and Information Science Minor ..................................... 120
Environmental Studies Minor ................................................... 121
French Studies Minor ............................................................ 121
General Business Minor ......................................................... 122
Global Studies Minor ............................................................ 122
Industrial and Labor Relations Minor ......................................... 123
Marketing Minor .................................................................... 123
Mathematics Minor ............................................................... 124
Media and Communications Minor .......................................... 124
Media Design Minor ............................................................. 124
Multicultural U.S./British Literature Minor ................................. 125
Pre-Law Studies Minor .......................................................... 125
Psychology Minor ................................................................... 127
Public Policy Minor ............................................................. 127
Social Work Minor ............................................................... 128
Spanish Minor ...................................................................... 128
Visual Arts Minor ................................................................... 129
Women's Studies Minor ........................................................ 213
Course Descriptions ................................................................ 131
American Studies Courses .................................................... 132
Biological Sciences Courses .................................................... 142
Chemical Business Courses ..................................................... 145
Chemistry, Physics and Physical Science Courses .............................. 153
Computer and Information Science Courses ............................... 157
Criminology Courses ................................................................ 160
School of Education Courses .................................................. 161
English Courses .................................................................... 166
First-Year Seminar Courses .................................................... 175
Health and Society Courses ..................................................... 176
History and Philosophy Courses .............................................. 178
Industrial and Labor Relations Courses ...................................... 184
Mathematics Courses ........................................................... 186
Modern Languages Courses .................................................... 189
Music and Dance Courses ...................................................... 195
Politics, Economics and Law Courses ...................................... 195
Psychology Courses ............................................................. 200
Sociology Courses .................................................................. 206
Visual Arts Courses .............................................................. 209
The College at Old Westbury .................................................. 215
The Faculty .......................................................................... 217
Administrative Offices ........................................................... 217
State University of New York ................................................... 224
Directions to the Campus ....................................................... 228
Index .................................................................................. 230
Quick Reference and Telephone Directory ................................. 232
## ACADEMIC CALENDAR 2008-2010

### FALL 2008

<table>
<thead>
<tr>
<th>Date</th>
<th>Day(s)</th>
<th>Event/Registration Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 11</td>
<td></td>
<td>Continual Registration for Fall 2008 for all Students on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Aug 20, 21</td>
<td>Wed, Thurs</td>
<td>Advising for all students, 10 A.M. – 7 P.M.</td>
</tr>
<tr>
<td>Aug 20</td>
<td>Wed</td>
<td>Residence halls open for new students</td>
</tr>
<tr>
<td>Aug 22</td>
<td>Fri</td>
<td>Advising for all students 10 A.M. – 4 P.M.</td>
</tr>
<tr>
<td>Aug 25</td>
<td>Mon</td>
<td>Classes begin</td>
</tr>
<tr>
<td>Aug 25-Aug 29</td>
<td>Mon-Fri</td>
<td>Add/Drop/Late Registration on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>) ($40 late registration fee)</td>
</tr>
<tr>
<td>Sept 1</td>
<td>Mon</td>
<td>Labor Day – no classes; offices closed</td>
</tr>
<tr>
<td>Sept 29</td>
<td>Mon</td>
<td>Rosh Hashanah – no classes after 4:30 P.M.</td>
</tr>
<tr>
<td>Sept 30</td>
<td>Tues</td>
<td>Rosh Hashanah – no classes</td>
</tr>
<tr>
<td>Oct 1</td>
<td>Wed</td>
<td>Rosh Hashanah – no classes</td>
</tr>
<tr>
<td>Oct 2</td>
<td>Thurs</td>
<td>Applications for graduation (Registrar’s Office) due from candidates expecting to complete</td>
</tr>
<tr>
<td></td>
<td></td>
<td>requirements by December 2008</td>
</tr>
<tr>
<td>Oct 8</td>
<td>Wed</td>
<td>Yom Kippur – no classes after 4:30 P.M.</td>
</tr>
<tr>
<td>Oct 9</td>
<td>Thurs</td>
<td>Yom Kippur – no classes</td>
</tr>
<tr>
<td>Oct 13</td>
<td>Mon</td>
<td>Columbus Day – no classes; offices closed</td>
</tr>
<tr>
<td>Oct 20-25</td>
<td>Mon-Sat</td>
<td>Mid-term week</td>
</tr>
<tr>
<td>Oct 29</td>
<td>Wed</td>
<td>Mid-term grades due</td>
</tr>
<tr>
<td>Oct 27-Dec 12</td>
<td>By Appointment</td>
<td>Advising in department offices for Spring 2009 registration</td>
</tr>
<tr>
<td>Nov 4</td>
<td>Tues</td>
<td>Election Day – classes in session; offices Minimally staffed</td>
</tr>
<tr>
<td>Nov 10</td>
<td>Mon</td>
<td>Spring 2009 registration for seniors on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 11</td>
<td>Tues</td>
<td>Veteran’s Day – classes in session</td>
</tr>
<tr>
<td>Nov 13</td>
<td>Thurs</td>
<td>Spring 2009 registration for juniors on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 17</td>
<td>Mon</td>
<td>Spring 2009 registration for sophomores on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 20</td>
<td>Thurs</td>
<td>Spring 2009 registration for freshmen on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 21-Dec 12</td>
<td></td>
<td>Continual registration for Spring 2009 for all Students on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 26</td>
<td>Wed</td>
<td>Dining Hall closes after dinner</td>
</tr>
<tr>
<td>Nov 27-Nov 30</td>
<td>Thurs-Sun</td>
<td>Thanksgiving Recess (begins after last class Wednesday)</td>
</tr>
<tr>
<td>Nov 30</td>
<td>Sun</td>
<td>Dining Hall reopens for dinner</td>
</tr>
<tr>
<td>Dec 1</td>
<td>Mon</td>
<td>Classes resume</td>
</tr>
<tr>
<td>Dec 11, 15</td>
<td>Thurs, Mon</td>
<td>Make-Up/Study Days*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*If classes are cancelled for any reason, they will be made up on these days. Otherwise, students should utilize these days as study days.</td>
</tr>
<tr>
<td>Dec 16-Dec 22</td>
<td>Tues-Mon</td>
<td>Examinations week</td>
</tr>
<tr>
<td>Dec 22</td>
<td>Mon</td>
<td>Fall semester ends after last examination</td>
</tr>
</tbody>
</table>
Dec 23 Tues Residence Halls close at 1 PM.
Dec 25 Thurs Christmas Day – offices closed

**SPRING 2009**

Jan 1 Thurs New Year’s Day – offices closed
Jan 2 Fri Winter Mini-semester begins
Jan 2-Jan 20 Continual registration for Spring 2009 for all students on the Web (www.oldwestbury.edu)
Jan 15, Jan 20 Thurs, Tues Advising for all students 10 A.M. – 7 P.M.
Jan 16 Fri Advising for all students 10 A.M. – 4 P.M.
Jan 19 Mon Martin Luther King, Jr. Birthday observed – no Classes; offices closed
Jan 20 Tues Residence Halls open Winter Mini-semester ends
Jan 21 Wed Classes begin
Jan 21-Jan 27 Wed-Tues Add/Drop/Late Registration on the Web (www.oldwestbury.edu) ($40 late registration fee)
Feb 12 Thurs Lincoln’s Birthday – classes in session
Feb 16 Mon President’s Day – no classes; offices closed
March 2 Mon Applications for graduation (Registrar’s Office) due from candidates who expect to complete requirements by May 2009

March 18-March 24 Wed-Tues Mid-term week
March 27 Fri Mid-term grades due
March 30-May 8 By Appointment Advising in department offices for Fall 2009 registration
April 4 Sat Dining Hall closes after breakfast
April 5-April 12 Sun-Sun Spring recess
April 12 Sun Dining Hall reopens for dinner
April 13 Mon Classes resume Fall 2009 registration for seniors on the Web (www.oldwestbury.edu)
April 16 Thurs Fall 2009 registration for juniors on the Web (www.oldwestbury.edu)
April 20 Mon Fall 2009 registration for sophomores on the Web (www.oldwestbury.edu)
April 23 Thurs Fall 2009 registration for freshmen on the Web (www.oldwestbury.edu)
April 30 Thurs Honors Convocation – Classes cancelled from 2 P.M. – 6 P.M.
April 24-Aug 21 Continual registration for Fall 2009 for all students on the Web (www.oldwestbury.edu)
May 7, 8 Thurs, Fri Make-Up Days/Study Days*
May 11-May 15 Mon-Fri Examinations week Grades due 48 hours after final exams
May 15 Fri Spring Semester ends after last examination
May 16 Sat Residence Halls close, 1 P.M.
May 17 Sun Commencement, 9 A.M.
<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 25</td>
<td>Mon</td>
<td>Memorial Day observed – offices closed</td>
</tr>
<tr>
<td>May 26</td>
<td>Tues</td>
<td>Summer Session I begins (2 days/week)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summer Session II begins (4 days/week)</td>
</tr>
<tr>
<td>June 29</td>
<td>Mon</td>
<td>Summer Session II ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session II 48 hours after final examination</td>
</tr>
<tr>
<td>July 6</td>
<td>Mon</td>
<td>Summer Session III begins (4 days/week, M-Th)</td>
</tr>
<tr>
<td>Aug 3</td>
<td>Mon</td>
<td>Summer Session I ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session I 48 hours after final examination</td>
</tr>
<tr>
<td>Aug 6</td>
<td>Thurs</td>
<td>Summer Session III ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session III 48 hours after final examination</td>
</tr>
</tbody>
</table>

**FALL 2009**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr 24-Aug 21</td>
<td>Continual registration for Fall 2009 for all students on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Aug 19, 20</td>
<td>Advising for all students, 10 A.M. – 7 P.M.</td>
</tr>
<tr>
<td>Aug 19</td>
<td>Residence Halls open for new students</td>
</tr>
<tr>
<td>Aug 21</td>
<td>Advising for all students 10 A.M. – 4 P.M.</td>
</tr>
<tr>
<td>Aug 24</td>
<td>Classes begin</td>
</tr>
<tr>
<td>Aug 24-Aug 28</td>
<td>Add/Drop/Late Registration on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>) ($40 late registration fee)</td>
</tr>
<tr>
<td>Sept 7</td>
<td>Labor Day – no classes; offices closed</td>
</tr>
<tr>
<td>Sept 18</td>
<td>Rosh Hashanah – no classes after 4:30 P.M.</td>
</tr>
<tr>
<td>Sept 19</td>
<td>Rosh Hashanah – no classes</td>
</tr>
<tr>
<td>Sept 28</td>
<td>Yom Kippur – no classes</td>
</tr>
<tr>
<td>Oct 1</td>
<td>Applications for graduation (Registrar’s Office) due from candidates expecting to complete requirements by December 2009</td>
</tr>
<tr>
<td>Oct 12</td>
<td>Columbus Day observed – no classes; offices closed</td>
</tr>
<tr>
<td>Oct 19-24</td>
<td>Mid-term week</td>
</tr>
<tr>
<td>Oct 28</td>
<td>Mid-term grades due</td>
</tr>
<tr>
<td>Oct 26-Dec 9</td>
<td>Advising in department offices for Spring 2010 registration</td>
</tr>
<tr>
<td>Nov 3</td>
<td>Election Day – classes in session; offices minimally staffed</td>
</tr>
<tr>
<td>Nov 9</td>
<td>Spring 2010 registration for seniors on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 11</td>
<td>Veterans Day – classes in session</td>
</tr>
<tr>
<td>Nov 12</td>
<td>Spring 2010 registration for juniors on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 16</td>
<td>Spring 2010 registration for sophomores on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 19</td>
<td>Spring 2010 registration for freshmen on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
<tr>
<td>Nov 20-Dec 9</td>
<td>Continual registration for Spring 2010 for all students on the Web (<a href="http://www.oldwestbury.edu">www.oldwestbury.edu</a>)</td>
</tr>
</tbody>
</table>
Nov 25  Wed  Dining Hall closes after dinner  
Nov 26-Nov 29  Thurs-Sun  Thanksgiving Recess (begins after last class Wednesday)  
Nov 29  Sun  Dining Hall reopens for dinner  
Nov 30  Mon  Classes resume  
Dec 8, 9  Tues, Wed  Make-Up/Study Days*  
  *If classes are cancelled for any reason, they will be made up on these days. Otherwise, students should utilize these days as study days.  
Dec 10-Dec 16  Thurs-Wed  Examinations week  
  (Grades due 48 hours after final exams)  
Dec 16  Wed  Fall semester ends after last examination  
Dec 17  Thurs  Residence Halls close 1 P.M.  
Dec 25  Fri  Christmas Day – offices closed  

**SPRING 2010**

Jan 1  Fri  New Year's Day – offices closed  
Jan 4  Mon  Winter Mini-semester begins  
Jan 4-Jan 22  Continual registration for Spring 2010 for all students on the Web (www.oldwestbury.edu)  
Jan 18  Mon  Martin Luther King, Jr. Birthday observed – no classes; offices closed  
Jan 20, 21  Wed, Thurs  Advising for all students 10 A.M. – 7 P.M.  
Jan 22  Fri  Advising for all students 10 A.M. – 4 P.M.  
Residence Halls open  
Winter Mini-semester ends  
Jan 25  Mon  Classes begin  
Jan 25-Jan 29  Mon-Fri  Add/Drop/Late Registration on the Web (www.oldwestbury.edu) ($40 late registration fee)  
Feb 12  Fri  Lincoln's Birthday – classes in session  
Feb 15  Mon  President's Day – no classes; offices closed  
March 1  Mon  Applications for graduation (Registrar's Office) due from candidates who expect to complete requirements by May 2010  
March 22-March 27  Mon-Sat  Mid-term week  
March 22-May 12  By Appointment  Advising in department offices for Fall 2010 registration  
March 27  Sat  Dining Hall closes at after breakfast  
March 28-April 4  Sun-Sun  Spring Recess  
March 31  Wed  Mid-term grades due  
April 4  Sun  Dining Hall reopens for dinner  
April 5  Mon  Classes resume  
April 12  Mon  Fall 2010 registration for seniors on the Web (www.oldwestbury.edu)  
April 15  Thurs  Fall 2010 registration for juniors on the Web (www.oldwestbury.edu)  
April 19  Mon  Fall 2010 registration for sophomores on the Web (www.oldwestbury.edu)  
April 22  Thurs  Fall 2010 registration for freshmen on the Web (www.oldwestbury.edu)  
April 23-Aug 24  Continual registration for Fall 2010 for all students on the Web (www.oldwestbury.edu)
<table>
<thead>
<tr>
<th>Date</th>
<th>Day(s)</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 29</td>
<td>Thurs</td>
<td>Honors Convocation – classes cancelled from 2 P.M. – 6 P.M.</td>
</tr>
</tbody>
</table>
| May 11, 12 | Tues, Wed | Make-Up/Study Days*  

*If classes are cancelled for any reason, they will be made up on these days. Otherwise, students should utilize these days as study days.

<table>
<thead>
<tr>
<th>Date</th>
<th>Day(s)</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| May 13-May 19 | Thurs-Wed | Examinations week  

(Grades due 48 hours after final examination)

<table>
<thead>
<tr>
<th>Date</th>
<th>Day(s)</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 19</td>
<td>Wed</td>
<td>Spring semester ends after last examination</td>
</tr>
<tr>
<td>May 20</td>
<td>Thurs</td>
<td>Residence Halls close, 1 P.M.</td>
</tr>
<tr>
<td>May 23</td>
<td>Sun</td>
<td>Commencement, 9 A.M.</td>
</tr>
</tbody>
</table>

**SUMMER 2010**

<table>
<thead>
<tr>
<th>Date</th>
<th>Day(s)</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 31</td>
<td>Mon</td>
<td>Memorial Day observed; offices closed</td>
</tr>
<tr>
<td>June 1</td>
<td>Tues</td>
<td>Summer Session I begins (2 days/week)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Summer Session II begins (4 days/week)</td>
</tr>
<tr>
<td>July 5</td>
<td>Mon</td>
<td>Independence Day observed; no classes, offices closed</td>
</tr>
<tr>
<td>July 6</td>
<td>Tues</td>
<td>Summer Session II ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session II 48 hours after final examination</td>
</tr>
<tr>
<td>July 12</td>
<td>Mon</td>
<td>Summer Session III begins (4 days/week, M-Th)</td>
</tr>
<tr>
<td>Aug 11</td>
<td>Wed</td>
<td>Summer Session I ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session I 48 hours after final examination</td>
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<tr>
<td>Aug 12</td>
<td>Thurs</td>
<td>Summer Session III ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final grades due for Summer Session III 48 hours after final examination</td>
</tr>
</tbody>
</table>
SUNY College at Old Westbury is a place where exciting things happen, both in and out of the classroom. For that reason, we enjoy using verbs when describing who we are and what we do. So, SUNY College at Old Westbury …

… teaches students to lead at work, in the community, and in life through a campus environment that demands academic excellence and offers close interaction among students, faculty and staff.

… dedicates itself to offering students an invigorating atmosphere where diversity and intercultural understanding is woven into the very fabric of the academic and social programs.

… ranked as the most diverse liberal arts college in America in the 2008 “America’s Best Colleges” guidebook published by U.S. News & World Report.

… serves as the college of choice for 3,400 students who are pursuing Bachelor of Arts, Bachelor of Science and Master of Science degrees in their chosen course of study.

… offers more than 40 baccalaureate degree programs through its School of Arts and Sciences, School of Business, and School of Education. Those programs include:

Accounting; Adolescence Education; American Studies; Biochemistry; Biological Sciences; Business Administration; Chemistry; Childhood Education; Comparative Humanities; Computer and Information Science; Criminology; English; Finance; Health and Society; Industrial and Labor Relations; Management Information Systems; Marketing, Mathematics; Media and Communications; Middle Childhood Education; Philosophy and Religion; Politics, Economics and Society; Psychology; Sociology; Spanish Language, Hispanic Literature and Culture; Special Education; Visual Arts, and Visual Arts: Electronic Media.

… offers master of Arts in Teaching degrees in adolescence education (Biology, Chemistry, English Language Arts, Mathematics, Social Studies, Spanish) and Master of Science degrees in Accounting, Taxation, and Mental Health Counseling.

… boasts an internationally-acclaimed faculty that includes a Fulbright Scholar, Guggenheim Fellow, and researchers who have recently earned awards and research grants from such prestigious organizations as the National Institute of General Medical Sciences, the U.S. Department of Education, and the National Science Foundation.

… attracts among the most diverse student populations in the Northeast. Sixty percent of students are female, 29% African American, 6% Asian American; 29% Caucasian; 18% Hispanic American; 0.3% Native American; and 2% international students. Through this diversity, the College is preparing its graduates to serve the world through their character and leadership.

… commits itself to providing access to college for those who might not otherwise attend. Even with its higher selectivity, Old Westbury has among the largest enrollment of students via the Educational Opportunity Program. Along with EOP, the College has also undertaken an interview process for those candidates who, while not meeting the general admissions criteria, are recommended by teachers and community leaders on the basis of their leadership skills and other achievements.

… enjoys a campus of 604 acres which currently features an Academic Village comprised of four academic buildings and nine dormitories; the Campus Center, which houses the College Library, Maguire Theater, and the Amelie A. Wallace Art Gallery; the Natural Sciences Building; the F. Ambrose Clark Athletic Center; and a state-of-the-art Student Union which houses the campus bookstore, a computer lab for student use, the Office of Student Activities, the Office of Counseling & Career Services, and the Office of First Year Experience.

… prepares alumni for to succeed in professional careers and advanced study. Among the most notable of the 19,000 graduates of Old Westbury are John McTiernan, acclaimed producer and director of such hit films as The Thomas Crown Affair (1999), Die Hard (1988) and Die Hard With a Vengeance (1995), Last Action Hero (1993), and The Hunt for Red October (1990); David Liederman, entrepreneur/chef who in 1979 founded David’s Cookies, a gourmet cookie retail chain that has become a fixture in the New York metropolitan area.; Dr. Dolores M. Fernandez, noted educator and president of Hostos Community College in New York City, and Maryann De Leo, Academy Award-winning producer of the short subject documentary Chernobyl Heart.
At SUNY College at Old Westbury, we use the phrase “discover the leader in you” to describe what we achieve with our students. As a member of our campus community, you will learn first hand the truth in those words. You will work to discover who you are and who you want to be. Along the way, you will also discover what it means to be a well-rounded citizen of a global community. These are paths that all students follow.

For example, every first-year student begins their Old Westbury experience in FY1000: Ethics of Engagement, Educating Leaders for a Just World – a course that challenges them to understand their personal identity, to look into themselves, and to hold their assumptions and values up to critical scrutiny. This is one way to discover just who you are.

Once involved in courses for your major, you will become deeply ingrained in content-rich discussions and seminars designed to pique your interest but also to provide you the skills you need to succeed. In some cases, the preparation might lead to graduate school. For others, your studies might lead directly to a career. For many, your studies will lead you to reconsider your major and follow a new direction. This is part of discovering who you want to be.

All students benefit from what U.S. News & World Report described as the nation’s most diverse liberal arts college in its “2008 Guide to America’s Best Colleges and Universities.” As a student here, you will learn as part of a student body that looks exactly like our future: diverse, dynamic, culturally aware. These interactions with your peers will aid you in discovering more about the world in which you live.

Intensive teaching, active learning, and a community of cultural and global diversity -- these elements come together at SUNY College at Old Westbury to prepare you for a workplace and a world where common interests and a challenging environment demand that we celebrate our differences and work together to achieve success.

Examples of the success that can be achieved with your Old Westbury degree are many. Nearly all institutions of higher education can claim they produce graduates who have mastered fundamental skills and knowledge. At Old Westbury, we strive for more: To produce graduates who can lead at work, in the community and in life while sharing our passion for learning and bettering our world for all humankind.

Throughout the years, Old Westbury has produced those graduates -- providing them with the opportunity and tools to meet educational, career and life objectives. Many of our nearly 19,000 alumni are the first in their families to earn a college degree. They hold positions that range from accountant to teacher to performing artist to journalist. These alumni share common bonds, such as the friendships they developed on campus, and the experiences gained from faculty, staff members and coaches who motivated them to achieve more than they perhaps thought was possible.

With diligence and effort, those who use this 2008-2010 catalog can become our College’s next examples of success. Your path to discovering your personal future, and the success it can hold, begins here.

Calvin O. Butts, III
President

MISSION STATEMENT

SUNY College at Old Westbury is a small, public college that teaches students to lead at work, in the community, and in life. In an environment that demands academic excellence and offers close interaction among students, faculty and staff, Old Westbury weaves diversity and intercultural understanding into the very fabric of its liberal arts and professional programs. Our endeavor is to stimulate in students a passion for learning and a commitment to building a more just world for humankind.
ADMISSIONS INFORMATION

The State University of New York College at Old Westbury seeks students who can profit from the educational opportunities it offers. The College is operating under competitive admission criteria and through the Office of Enrollment Services, each applicant is considered individually. Academic preparedness, seriousness of purpose, creativity, civic involvement and potential for success are all attributes the College seeks in its students.

The admission policy embodies a commitment to the principles of inclusiveness and diversity. The College does not consider just one academic criterion for admission. The policy allows the College to consider a wide range of academic achievements that may demonstrate an individual’s ability to succeed at the College. Applicants who do not meet the standard admission criteria may apply or be considered for special admission programs, such as the Educational Opportunity Program.

Several departments including programs in the School of Education and the School of Business may have additional internal admission criteria that must be fulfilled prior to advancing to upper level courses within the department. Other departments have a minimum grade point average for continuation within the major. These departments and requirements are listed under the admission requirements section of the catalog.

Admission and Application Procedures

Admission to the College is granted during the fall and spring semesters. Students who are accepted early for the fall semester may begin attending classes during the summer session. An applicant who is admitted may attend classes during the day or evening.

All documentation required for the admission process is described below. After careful review of an application, Enrollment Services Advisors may need further information to make a determination about a candidate’s admission. In these cases, the Office of Enrollment Services may request that applicants submit additional information, such as letters of recommendation, senior year high school grades or an updated college transcript. A personal interview may also be requested.

The review of an applicant’s eligibility for admission cannot be conducted until all the appropriate documents have been received. To inquire about the status of an application and its documentation, applicants should access the College’s website at www.oldwestbury.edu and click on the “Student Information System” section at the top of the homepage. Inaccurate or misleading information, submission of false records or omission of previous college attendance constitutes grounds for denial of admission.

Students who have clear career objectives should indicate the major that is desired on the application. This will enable the College to direct new students to the appropriate department for advisement. Students who are undecided about their major field of interest may apply as undecided. However, all transfer students entering with more than 42 credits must declare a major upon admission to the College (prior to the first day of class). Transfer students must also review the College Catalog to determine if an additional “Declaration of Major” form is required in order to “officially” declare the major. This form is required for majors within the School of Business. The indication of a major on the admission application does not satisfy the filing of the “Declaration of Major” form for those departments. Failure to declare a major will result in loss of eligibility for State financial aid.

All applicants must pay a non-refundable $40 application fee. The application fee is waived for transfer students who have received an associate degree from a State University of New York Community College or a City University of New York Community College and apply directly to a SUNY College. Freshman applicants who qualify for the SUNY Educational Opportunity Program (EOP) are also eligible for an application fee waiver. Details about this waiver are described on the SUNY application.

Undergraduate Applications for Degree Status (Matriculated)

All undergraduate applicants to the College at Old Westbury must file a State University of New York (SUNY) Admission Application. An Old Westbury Supplemental Application or an autobiography is strongly recommended. The SUNY application may be obtained directly from your high school guidance office; community college transfer office; or by filing on-line at the College’s website at www.oldwestbury.edu. Applicants are strongly encouraged to apply on-line by accessing SUNY’s application website at http://www.suny.edu/Student.

Freshman Admission

First Time to College Application Documents

All students must submit a high school transcript and proof of high school graduation. High school students graduating with an IEP diploma (Individualized Education Program) must also receive a NYS General Education diploma as proof of NYS high school graduation. If students are graduating from high school during the same year that they enroll in college, a final high school transcript that reflects an actual date of graduation (not an anticipated date of graduation) or a copy of their high school diploma must also be submitted prior to the first day of classes.

The Office of Enrollment Services has an “Official High School Transcript Request” form that can be sent to the applicant in order to facilitate this process. Please be advised that applicants who do not comply with this requirement may have their class registration cancelled and their financial aid awards decertified.
Applicants receiving a General Equivalency Diploma (GED) must submit a copy of the official score report along with an SAT score report. Both documents are required for freshman admission.

Applicants who wish to be granted college credit for college course work completed while enrolled in high school, must forward a college transcript reflecting the grade and amount of credits. Advanced Placement courses (AP) or International Baccalaureate (IB) credit may be granted upon receipt of an official AP or IB score report from the College Board or the high school.

First Time to College Admission Requirements (Freshman)

Admission to the College is based on an applicant’s academic achievement in high school. A major percentage of entering freshmen must have an 80 high school average and a combined SAT score of 1,000 (or 22 composite ACT score). Please note that at the time of printing this catalog, the College is using the writing section of the SAT exam for research purposes only. Admission is currently based on the total score of the Critical Reasoning and Mathematics portion of the SAT exam. Future changes to this policy will appear on the admission pages of the website (www.oldwestbury.edu). Applicants taking the GED must have a minimum score of 3000 and must also meet the standardized test score requirements (SAT score of 1,000 or ACT score of 22).

High school graduates are also encouraged to take a strong Regents program and pass the Regents exams in the following disciplines:

- 4 units/years of English
- 4 units/years of Social Studies
- 3 units/years of Mathematics (including Math B)
- 3 units/years of Natural Science (with lab)
- 2 or 3 units/years of Foreign Language

A small percentage of freshman applicants who do not meet the recommended high school average and SAT combination stated above will be reviewed by Enrollment Services Advisors for admission to the College. Careful consideration will be given to the high school average and SAT combined scores, the number of academically challenging courses taken, overall senior-year grades, the quality of the written essay (Supplemental Application or Autobiography) and a personal interview.

High school students may obtain college credit for participating in the College Board’s Advanced Placement Program with a minimum AP exam score of 3. Students following an IB high school program may also obtain college credits based upon scores received on the final exams (not coursework). For further college credit information, please contact the appropriate academic department or the Office of the Registrar.

Applicants who are permanent residents or U.S. citizens and have completed their education outside the U.S. must obtain an evaluation of their education documents from AACRAO or World Education Services, Inc. (see the credential evaluation information under the International Application Processing section of this catalog). In addition, all freshman applicants must submit an SAT score report for admission to the College. The IELTS or TOEFL exam is not required for permanent residents or US citizens.

Early decision for Freshman Applicants (First Time to College)

High school students who apply for early decision must submit their SUNY application and documentation by November 1st for fall admission. Old Westbury will notify candidates of their admission by December 15th. All early decision applicants who are accepted are required to make their tuition deposit by January 15th.

Transfer Student Admission

Transfer students must file the SUNY application and are also encouraged to file an Old Westbury Supplemental Application. These applications can be obtained online at www.oldwestbury.edu.

All applicants must pay a non-refundable $40 SUNY application fee. There is an exception for those applicants who have received an associate degree from a CUNY or SUNY community college and those who are transferring under the EOP program.

Transfer Application Documents

Official college transcripts from each institution attended must be submitted separately. Transcripts that reflect transfer credits from a different institution are not sufficient for completing your admission. Documents from institutions outside the United States must be evaluated by AACRAO or World Education Services, Inc. (see the International Application Processing section of this catalogue).

Transfer applicants who have completed fewer than 24 college credits, must meet the entrance requirements listed under freshman admission in addition to meeting the requirements for transfer applicants. All transfer applicants with fewer than 24 college credits must submit a high school transcript or GED and an SAT score for admission.

Transfer Admission Requirements

Most programs at the College require a minimum cumulative grade point average of 2.00. The programs within the School of Education and the Accounting program within the School of Business require a minimum grade point average of 2.70.
The School of Education also requires an additional internal application process for students who are about to register for upper-division courses. Applicants are encouraged to contact the School of Education or the Academic Advising Center to inquire about the course curriculum for certification of teaching within New York State.

**Transfer Credits**

Transfer students must submit official transcripts for review before any transfer credit can be granted. The transfer articulation process enables the Office of the Registrar to notify transfer students of the total number of credits that have been accepted as well as the course equivalencies at Old Westbury. With this information, students can avoid duplication of coursework and more easily plan for the completion of degree requirements. Student copies of a college transcript used for initial admission cannot be used for the official credit review. An official copy of the college transcript must be received before equivalencies are entered onto this system. (For further information about the amount and transfer credit policies, see the Academic Policy section of the catalog).

Students must be advised by the Academic Advising Center or the academic department prior to registration. Appointments can be made by contacting the appropriate office.

**International Student Admission**

The international student population is an integral part of the community at the College at Old Westbury. The College is interested in providing a climate in which international students' needs are met. The diverse nature of our student population provides a welcoming environment for international students to learn about the complex nature of the American culture. International students have the opportunity to participate in many different cultural experiences within the College. International students can download a copy of the International Students Frequently Asked Questions by visiting the International Student section of the website at [http://www.oldwestbury.edu/admissions/international.cfm](http://www.oldwestbury.edu/admissions/international.cfm).

**International Students (Freshman and Transfer) Application Documents**

International applicants who are educated outside the United States and are applying for a foreign student visa (F-1) must file the SUNY Foreign Student Application (FSA-1). Any applicants who have completed their education outside the United States and are permanent residents or U.S. citizens must file the standard SUNY application (see Freshman or Transfer application procedures).

All applicants must send a copy of the following documents to be considered for admission:

- An international application (FSA-1).
- An original copy of the secondary school transcripts and certificates (for all applicants who have never attended post-secondary education).
- Applicants who have attended a post-secondary school must send a copy of their post-secondary school transcripts and certificates in their original language. It is also strongly recommended that a syllabus or college catalog translated into English, be forwarded to the Office of the Registrar. This will facilitate the academic advisement and transfer credit evaluation process.
- All applicants must also have all educational documents evaluated by AACRAO or World Education Services, Inc. (WES). An official copy of the evaluation must be sent to the Office of Enrollment Services unless an Admission Advisor waives the specific evaluation (this waiver may be available for a few foreign countries only). Contact the Office of Enrollment Services for further information.
- Proof of English Proficiency must also be submitted (FSA-3). All applicants whose native language is other than English must take the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS). The minimum scores for each exam are as follows:
  - The minimum TOEFL scores:
    - 513 on the paper version
    - 183 on the computer version
    - 65 on the Internet version
  - The minimum IELTS score:
    - 6.0 composite score
- Foreign students are also required to demonstrate financial ability to attend school and meet living expenses in order to be granted permission to visit the United States as a student. All international applicants are required to submit the Financial Statement form (FSA-4) and official bank statements reflecting the appropriate amount of money in US dollars prior to being issued an I-20.
- Immunization records (see section on Requirements for Enrollment).

There are several additional forms that must be submitted by the international student before the admission process is completed. It is recommended that applications for the fall semester be completed by **June 1st** for the fall semester of admission and by **October 15th**
for the spring semester. This timeframe will allow most applicants sufficient time to request a student visa (F-1) from the appropriate consulate office within their country.

After the applicant is accepted, the form (I-20) required for requesting the student visa (F-1) may proceed. Please contact the Office of Enrollment Services at (516) 876-3073 to obtain the specific forms for international applicants.

**International Admission Requirements**

Admission to the College is based on a student's successful completion of secondary school and on their academic achievement. All evaluations conducted by World Education Services are designed to equate the level of education in foreign countries to the level of education within the U.S. International freshman applicants must have an equivalent secondary school average of an 80 (US average) or above. In addition, all international freshman applicants whose native language is other than English must obtain a minimum exam score as explained in the International Student Application Documents section of this catalog.

**International Transfer Requirements**

Admission as a transfer student is based on the academic achievement within the post-secondary institution. The evaluation from AACRAO or World Education Services must reflect a minimum cumulative average of a 2.0 for most programs at the College (2.70 for School of Education and Accounting majors). For other programs within the School of Business, a 2.5 is required. Transfer applicants whose native language is other than English must obtain a minimum exam score as explained in the International Student Application Documents section of this catalog.

**Special Admission Programs for Degree Status (Matriculated)**

**Educational Opportunity Programs (EOP)**

The EOP program is designed to provide educational opportunities for academically and economically disadvantaged students. This program provides additional academic and administrative support to assist EOP students with their academic success at the College. All applicants to the EOP Program must submit the same documentation as other applicants to the College. This is identified in the Application Processing section of the catalog. The Office of Enrollment Services, the Office of Financial Aid and the EOP Office jointly determine eligibility. Individual grants are determined by the Office of Financial Aid and vary based on need.

Interested applicants must file the SUNY Application for Admission as mentioned in the Admission and Application Procedures section of the catalog and must specify an interest in the EOP program on the SUNY application where it applies. Specific information about the EOP program may be found in the EOP section.

**Second Degree Students**

Students who have received a baccalaureate degree and wish to pursue a second degree may do so by applying to the College as Degree (Matriculated) students. The College's transfer admission requirements must be met. The courses required for department majors must also be fulfilled. The second degree student must take a minimum of 48* credits at the College and a minimum of 30 credits must be taken in a field that is significantly different from the first baccalaureate degree. A “significant difference” normally will be interpreted as meaning “in a different discipline or subject matter area.”

*56 credits are required for Accounting, Finance, Business and Management and Marketing.

**Evening Program**

The College does not make a distinction between daytime and evening students, curricula or faculty. Applicants interested in applying as matriculated students must follow the procedures mentioned in the pervious section (see Freshman or Transfer Admission). The academic departments of the College arrange courses and schedule the faculty for the evening program of study. Students should read the Evening Students Statement for each academic department to determine the feasibility of pursuing a degree as an evening student.

An applicant who is admitted as a Degree (Matriculated) student may attend classes on a full-time or part-time basis during the day or evening (after 6:00 PM). An applicant who is admitted as a Non-Degree (Non-Matriculated) student may attend day or evening classes. Please note that non-matriculated students may take a maximum of 32 credits at Old Westbury but are not eligible for financial aid. Students who wish to pursue study beyond 32 credits must apply for matriculation and meet the appropriate academic requirements for admission.

**Air Force ROTC Program**

The Air Force ROTC Program (AFROTC) enables students at SUNY College at Old Westbury to participate in Air Force ROTC at Manhattan College. It allows the Air Force, indirectly through Manhattan College, the host institution, to reimburse SUNY College at Old Westbury for tuition and scholarship fees of contracted ROTC students who participate in this AFROTC program. For additional information, contact (718) 862-7201.
Army ROTC Program

The Army ROTC Program is available in participation with Hofstra University. This program qualifies students for appointment as an officer of the United States Army, Army Reserve or Army National Guard. Students have the option of enrolling in two- or four-year programs and may qualify for scholarships based on merit. For additional information, contact (516) 463-5648.

Requirements for Enrollment Upon Admission

College Placement Exams

All incoming freshman students are required to take a college placement exam in writing and mathematics. The examination is used for advisement into the appropriate English and Mathematics courses. Freshman students who have taken an Advanced Placement exam in English Language and Composition and score a 3 or higher are exempt from the English Placement exam. Transfer students who have completed one English Composition course and have earned a C or better are also exempt from the English placement exam.

Freshman students who have scored a minimum of a 75 on the New York State Regents exam in Math B (or Sequential 3) are exempt from taking the College's placement exam in Mathematics. In addition, freshman students who have taken an Advanced Placement exam in Calculus and score 3 or higher are exempt from taking the Math placement exam. Transfer students who have completed college level algebra with a C- or better are also exempt from the Math placement exam.

The exemptions stated above (Math B, Sequential 3) will enable students to register for the next higher level course in Mathematics such as Pre-Calculus or Quantitative Reasoning. An exemption for the placement exam does not translate into an exemption for a course requirement needed for graduation from the College. In order to graduate, all students must complete the minimum number of college credits as stated in the Catalog.

Contact the Academic Advising Center at (516) 876-3044 for information about the schedule of placement exams.

Immunization Requirements

All students born after January 1, 1957, who plan to register for at least six semester hours will be required to provide adequate proof of immunization against measles, mumps and rubella in accordance with standards approved by the New York State Department of Health. Students must also show proof of meningococcal meningitis immunization or sign a statement of declination.

Proof of immunity to measles is defined as two doses of live measles vaccine on or after the first birthday and at least 28 days apart (preferably three months), physician documented history of disease, or serologic evidence of immunity. Proof of the mumps vaccination is defined as one dose of live mumps vaccine on or after the first birthday, a physician-documented history of disease or a serologic evidence of immunity.

Records should include the date the vaccine was administered, the type, the manufacturer and lot number of the vaccine, and the signature of persons administering the vaccine stamped with their address and title.

All documentation should be submitted to the College's Office of Student Health Services prior to registration. Please note: international students must submit proof of immunization at the time of application in order for an I-20 form to be issued.

Although students enrolled for fewer than six semester credit/hours are exempt from these requirements, immunization is strongly encouraged by public health officials. College courses that are offered at other locations are not exempt from this regulation.

In the event of an outbreak, the College may be required to exclude all susceptible students from attendance until danger of transmission has passed or until the required documentation is submitted. This exclusion will affect those who have medical, religious, or temporary exemptions.

Housing, Tuition Deposits

To confirm your acceptance to the College and to reserve a room in the Residence Halls, a tuition and housing deposit is required by May 1st (fall semester) or November 1st (spring semester). Please note that housing deposits and applications received after this date are processed on a space available basis. Refer to the Tuition and Fee Information section of the catalog for detailed information.

Admission for Non-Matriculated Students (Non-Degree Status)

Students who wish to continue their education and enrich their lives by taking credit-bearing courses or students who wish to maintain their matriculated status at their home institution, may attend the College as non-matriculated students.

Non-matriculated students can earn a maximum of 32 credits. Students who wish to pursue study beyond 32 credits must apply to the College as a matriculated student and meet the appropriate academic requirements for admission. While the College's placement exam is not a requirement, students are expected to meet all course prerequisites.

Generally, students who participate in non-matriculated programs are not eligible for financial aid, except for programs that have parent college participation agreements. (See Visiting Student section.). Applicants who wish to apply for financial aid for part-time study must be admitted to the college as a degree or matriculated student (see section on Freshman or Transfer Admission).

Non-matriculated students register during the final registration periods and must submit immunization documents if registering for more than one course per semester.
High School Enrichment Program
A new program has been created to enable high school juniors and seniors to enroll in a maximum of 8 credits per semester while they are still in high school. To qualify for this program, high school students must have achieved junior status or higher in high school (completed at least two years of high school) and must have a cumulative high school average of an 80. Students interested in this program must submit a copy of their high school transcript along with a SUNY Old Westbury High School Enrichment Application to the Office of Enrollment Services. Students may earn a maximum of 32 credits as a non-matriculated student. Students are not eligible for financial aid while attending the college under this program.

Life Long Learner Program
High school graduates and college students who have not earned a baccalaureate degree may wish to continue their education as Non-matriculated Life Long Learners. Individuals wishing to apply on this basis must submit a copy of their high school diploma, or a copy of their college transcript reflecting good academic standing, from the most recent college attended.

Life Long Learner applications are available in the Office of Enrollment Services. Please note that non-matriculated students are not eligible for financial aid. Non-matriculated students may take a maximum of 32 credits. Students who wish to pursue study beyond 32 credits must apply for matriculation and meet the appropriate academic requirements for admission.

Non-Degree Program
Students who currently hold a baccalaureate degree may apply to the College as a non-matriculated student through the Non-degree program. Individuals who wish to apply for this program must submit a copy of their college degree and file a Non-Degree Application at the Office of Enrollment Services.

Please note that non-matriculated students are not eligible for financial aid. Non-matriculated students may take a maximum of 32 credits. Students who wish to pursue study beyond 32 credits must apply for matriculation and meet the appropriate academic requirements for admission.

Visiting Student Program
SUNY Old Westbury participates in the Visiting Student Program for colleges and universities in the State of New York. A student attending a college or university in New York State is eligible to study at another participating institution within the state for one semester or one year, while still maintaining matriculated status at the parent institution.

Visiting students must pay tuition and fees to the College at Old Westbury for the semester or year of enrollment. Students applying for financial aid must apply at the parent institution. The appropriate financial aid awards will be credited to the participating college on behalf of the visiting student.

To register at Old Westbury as a Visiting Student, the applicant must:

- Obtain a Visiting Student Application and Data Entry Form from the Office of Enrollment Services;
- Include a letter from the parent institution granting permission to take courses at the College at Old Westbury. If there are specific courses required, these should be identified in the letter;
- A copy of a current transcript must also be attached to the application.

Visiting students must register during the appropriate scheduled time that is reflected in the class schedule.

Summer Session Admission
The summer session is a convenient way to take college courses near your home in just a few short weeks. The College usually offers two 5-week sessions; one in May/June and one in July/August; and one 10-week session from May through the first week of August. Admission is on a non-matriculated basis. However, current matriculated Old Westbury students may register for summer classes. Current Old Westbury students who wish to use part of their fall financial aid awards during the summer must meet with a Financial Aid Advisor in the spring semester.

Interested high school and college students may take summer session classes at the College by filing a Quick Admit form at the Office of the Registrar during the spring semester. Students enrolling in more than one class during the summer must meet New York State Immunization requirements before the first day of classes.

For detailed information and the schedule of classes, visit the College’s website at www.oldwestbury.edu. Registration information is made available during the spring semester.

Audit Opportunities
“Over Sixty” Program
This program permits persons 60 years of age and over to observe (audit) courses on a space-available basis without payment of tuition or fees. Participating observers will not receive academic credit for courses attended.
To enter this program, applicants should obtain the registration form and the current class schedule from the Office of the Registrar during the first week of classes. To attend the specific course, the student must also obtain permission from the instructor prior to the first day of classes.

The Audit Registration form will enable the College to issue a Student Identification card for use of the Library and Clark Center facilities.

**Alumni/Alumnae Association Program**

Graduates of the State University of New York College at Old Westbury who are members of the Old Westbury Alumni Association may also observe (audit) courses with permission of the instructor without payment of tuition and fees. Permission to audit courses should be arranged directly with the instructor prior to the first day of classes. The Alumni Association ID card will enable all Alumni Association members to use the College's facilities.

Interested alumni/alumnae should obtain a copy of the class schedule on the website at www.oldwestbury.edu or through the Office of the Registrar.

**Application procedure for Matriculation (Degree status) from a Non-Degree (Non-Matriculated) Status**

Presently enrolled non-matriculated students may apply for matriculation for the following semester of attendance. Applications filed during the fall semester will be considered for spring admission and applications filed in the spring will be considered for fall admission. A student status cannot be changed during the current semester. Students who wish to file for financial aid should apply to the College as a matriculated student.

Applicants for matriculation must meet the admission criteria at the time the application is submitted (see *Freshman or Transfer Application and Admission Procedures* section of the catalog). Applicants must also meet the College's lower-division mastery requirements. All college credit course work will be evaluated for completion of degree requirements.

Interested students are encouraged to make an appointment with an Admissions Counselor for specific information, requirements and procedures.

**Reinstatement (Re-Entry)**

Students who have previously attended Old Westbury and wish to return after an absence of one or more semesters must file an Application for Re-entry at the Office of the Registrar at least one month prior to the beginning of the semester.

Students who left in good academic standing will be routinely reinstated. Students who were suspended and have been absent for one semester will also be routinely reinstated. Students who have been dismissed will be required to submit a completed Application for Re-entry to the Office of the Registrar, with a written appeal for reinstatement, transcripts from any colleges attended in the interim and any relevant information that will assist the Academic Standing Committee in evaluating the student's application.

The Academic Standing Committee requires the student to personally appear before the Committee.

Students who have been away from the College for five years or less will be subject to the college catalog requirements that were in effect when initially admitted. Students absent for more than five years will be subject to all requirements in the college catalog that is in effect at the time of reinstatement.

Students with outstanding financial obligations to the institution will not be reinstated unless all obligations have been satisfied.
TUITION AND FEE INFORMATION

Tuition and fees related to enrollment at the College at Old Westbury are based on the schedule printed below. All tuition and fee charges are established in accordance with State University of New York policies.

### Charges and Fees *

<table>
<thead>
<tr>
<th>Charges and Fees</th>
<th>Semester</th>
<th>Academic Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition</strong></td>
<td></td>
<td></td>
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<tr>
<td>New York State Residents:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time (12 credits or more)</td>
<td>$2,175.00</td>
<td>$4,350.00</td>
</tr>
<tr>
<td>Part-time (fewer than 12 credits)</td>
<td>$181.00 per credit</td>
<td></td>
</tr>
<tr>
<td>Nonresidents:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time (12 credits or more)</td>
<td>$5,305.00</td>
<td>$10,610.00</td>
</tr>
<tr>
<td>Part-time (fewer than 12 credits)</td>
<td>$442.00 per credit</td>
<td></td>
</tr>
<tr>
<td><strong>College Fee</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time student</td>
<td>$12.50</td>
<td>$25.00</td>
</tr>
<tr>
<td>Part-time student</td>
<td>$0.85 per credit</td>
<td></td>
</tr>
<tr>
<td><strong>Student Government Activity Fee</strong> *1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time student</td>
<td>$63.00</td>
<td>$126.00</td>
</tr>
<tr>
<td>Part-time student</td>
<td>$41.50</td>
<td>$83.00</td>
</tr>
<tr>
<td><strong>Intercollegiate Athletic Fee</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time student</td>
<td>$128.00</td>
<td>$256.00</td>
</tr>
<tr>
<td>Part-time student</td>
<td>$64.00</td>
<td>$128.00</td>
</tr>
<tr>
<td><strong>Health Service Fee</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time student</td>
<td>$90.00</td>
<td>$180.00</td>
</tr>
<tr>
<td>Part-time student</td>
<td>$7.50 per credit</td>
<td></td>
</tr>
<tr>
<td><strong>Technology Fee</strong></td>
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<td></td>
</tr>
<tr>
<td>Full-time student</td>
<td>$120.00</td>
<td>$240.00</td>
</tr>
<tr>
<td>Part-time student</td>
<td>$10.00 per credit</td>
<td></td>
</tr>
<tr>
<td><strong>Foreign Student Health Insurance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(applies to international students and to SUNY Old Westbury students studying abroad)</td>
<td></td>
<td>$687.25**</td>
</tr>
<tr>
<td><strong>Housing</strong></td>
<td></td>
<td>Semester</td>
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<tr>
<td>Double Occupancy</td>
<td></td>
<td>$3,111.00</td>
</tr>
<tr>
<td>Advance Housing Deposit*2</td>
<td></td>
<td>$50.00</td>
</tr>
<tr>
<td>Room Damage Deposit*3</td>
<td></td>
<td>$50.00</td>
</tr>
<tr>
<td>Key Deposit (includes mailbox key)</td>
<td></td>
<td>$35.00</td>
</tr>
<tr>
<td>Common Area Damage Deposit</td>
<td></td>
<td>$25.00</td>
</tr>
<tr>
<td><strong>Board (Meals)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All dormitory residents must participate in one of the following meal plans, which includes a declining balance (d.b.) service:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All 19 meals per week/ $300 d.b.</td>
<td></td>
<td>$1,405.00</td>
</tr>
<tr>
<td>Any 14 meals per week/ $350 d.b.</td>
<td></td>
<td>$1,405.00</td>
</tr>
<tr>
<td>Any 10 meals per week/ $400 d.b.</td>
<td></td>
<td>$1,405.00</td>
</tr>
</tbody>
</table>

* Meal Plan Rates are subject to change each year.

### Residency Requirements

For tuition billing purposes, mere presence in New York State does not in itself constitute legal residence in the state. Students who are defined as New York State residents are those who, prior to the beginning of the semester, have established a permanent domicile in New York State for a period of at least one year immediately preceding the date of registration.

Students in college cannot gain residential status unless they can establish that their previous domicile has been abandoned and a new one established in New York for purposes other than attending the University. Proof of domicile is based on intention to remain in New York State. Factors relevant in determining domicile are: residence of parents (in case of unemancipated students), proof of financial independence, residence for personal income tax purposes, etc. An unemancipated student's domicile is that of the parent or legal guardian. Any student claiming emancipation to establish a domicile in New York must submit evidence of emancipation and of

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*1 As a result of a student referendum, this student government activity fee is mandatory for all students. The purpose of this fee is to provide financial assistance for student conducted and/or student oriented programs, clubs and activities. Once the annual budget has been approved by the College administration, the Student Government, the recognized student government organization at the College, disburses these monies through its bonded officers according to established State University procedures (SUNY Regulations 302.14 of Title 8).

*2 Required of all dormitory residents for the fall semester. Required of all students seeking spring housing who did not live on campus during the fall semester.

*3 Required of all students seeking spring housing who did not live on campus during the fall semester.

** Deposits must be maintained throughout each semester of residence.
the establishment of domicile. Evidence of emancipation must include the establishment of financial independence. Factors relevant to financial independence include but are not limited to: employment on a full-time or part-time basis, sources and extent of other income, place of residence during summer and school vacations, parents’ prior year federal and state income tax returns as proof student was not claimed, independent filing by student of federal and state income tax returns, and utility bills in the student's name, dating back one full calendar year. Students on non-immigrant alien visa types B1, B2, C1, C2, C3, D1, F1, F2, H2, H3, J1, J2, M1 or M2 are not eligible to be considered New York State residents regardless of their length of stay. Students who are holders of A1, A2, A3, all G, H1, H4, I, all K and L1, L2 visas are probably eligible to be considered as New York State residents if domiciled in New York State. Copies of all immigration and visa information, including alien registration card must accompany the application for Residence Status. In any case, the residency application must be filed prior to the first day of classes of the term in which residency is sought. Applications for residency are available at the Office of the Bursar, Campus Center, I-104.

Payment of Fees and Charges
Tuition and other fees are payable by cash, check or money order made payable to SUNY College at Old Westbury. Payments may also be made using Visa, Mastercard or Discover.
A fee of $20 will be assessed for each check returned by the bank on which it is drawn. Any student whose check is returned will be required to make all future payments by cash, money order or credit card.
Failure to make payment by the due date may result in the cancellation of classes.

NOTE: STATE DEBT COLLECTION LAWS AFFECTING ALL PAST DUE DEBTS OWED TO THE STATE OF NEW YORK
Certain State Laws that became effective on January 1, 1993 have granted additional enforcement powers to New York State agencies for collection of non-tax debts. These laws have augmented those codes and regulations that previously existed within the State University of New York. If you have a current or outstanding debt with the University, you are strongly urged to settle this matter now.

IMPORTANT PROVISIONS
INTEREST OR PENALTY ON OVERDUE NON-TAX DEBT — State Finance Law § 18 State agencies are authorized to assess interest or late payment penalty charges on overdue debts.

COLLECTION FEE — State Finance Law § 18
State agencies or their representatives may charge collection fees to cover the estimated costs of processing, handling and collecting delinquent debts. The amount can be as much as 22% of the outstanding debt.

AUTHORITY TO HOLD TRANSCRIPTS AND DENY REGISTRATION — Section 302.1 (j) of Chapter V, Title 8 of the Official Compilation of Codes, Rules and Regulations
No person shall receive credit or other official recognition for work completed satisfactorily, or be allowed to re-register, until all tuition, fees and all other charges authorized by State University have been paid or University student loan obligations have been satisfied.

REFERRAL OF THE DEBT TO THE TAX DEPARTMENT — State Tax Law § 171-f
State agencies are authorized to certify to the Department of Taxation and Finance that past due legally enforceable debts should be offset against any tax refunds, contracts or other State payments.

RETURNED CHECK CHARGE — State Finance Law § 19
State agencies are authorized to charge a returned check fee when a check is dishonored. If you wish to avoid these measures, you MUST make arrangements to resolve any outstanding debts as soon as possible. If you have questions regarding your debt, please contact the Bursar’s Office at (516) 876-3168.

Office of Vocational and Educational Services for Individuals with Disabilities, Sponsored Students
The Office of Vocational and Educational Services for Individuals with Disabilities (VESID), or the New York State Education Department, will authorize the payment for the tuition, college fees, room and board for eligible (disabled) students. Inquiries regarding services authorized for vocational rehabilitation students should be addressed to a District Office of the Office of VESID.

Payment Plans
The College is authorized by SUNY to defer payment of direct college costs, up to the mid-point of a semester, for students who contract with the time payment plan. The amount of deferred payment will be based upon the contract amount. This time payment plan requires a nominal fee per school year. For further information, please contact the Office of the Bursar at (516) 876-3168.
Veterans Benefits

When a student's tuition charge is supported by Veteran’s Benefit Payment, the tuition charge may be deferred if the student files a request for deferral and submits it to the Campus Veteran’s Certifying Officer, who is located in the Registrar’s Office, along with proof:

1. That a claim for benefit has been filed;
2. Of eligibility for benefits;
3. Of extent of entitlement for benefit.

Note: Students are responsible for full payment of all tuition and fees, which must be paid by the mid-point of a semester, even if payment is deferred based on VESID, Veterans Benefits, or Tuition Plans.

Refund Schedule

Tuition

A student who submits an appropriately completed drop or withdrawal form shall be liable for payment of tuition in accordance with the following schedule. A drop or withdrawal form, which is obtainable at the Registrar’s Office, must be completed and returned to that office by the deadline listed in the class schedule. Refunds will be calculated based on the date of withdrawal, defined as the date the Registrar’s Office receives the request.

Schedule of Tuition Liability (fall and spring semesters)

<table>
<thead>
<tr>
<th>Liability During Week of Semester</th>
<th>Percentage of Semester’s Tuition for which Student Is Liable</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Week</td>
<td>0%</td>
</tr>
<tr>
<td>Second Week</td>
<td>30%</td>
</tr>
<tr>
<td>Third Week</td>
<td>50%</td>
</tr>
<tr>
<td>Fourth Week</td>
<td>70%</td>
</tr>
<tr>
<td>Fifth Week</td>
<td>100%</td>
</tr>
</tbody>
</table>

Approval of the cancellation, as well as the date it becomes effective, must be certified by the chief administrative officer of the College or his/her duly designated representative. No money shall be refunded unless an application for a refund is made within one year after the end of the term for which the tuition requested to be refunded was paid to the State University. The first day of class sessions shall be considered the first day of the semester, and the first week of classes for purposes of this section shall be deemed to have ended when seven calendar days, including the first day of scheduled classes, have elapsed.

Students withdrawing from a course or courses must do so officially through the Registrar’s Office. NONATTENDANCE in a course does NOT constitute withdrawal. Students are liable for payment of tuition and fees up to the date on which the application for withdrawal is officially approved.

All tuition and fee refunds require eight to ten weeks for processing. All refund procedures are established in accordance with SUNY policies.

Exceptions

- There shall be no tuition or fee liability established for a student who withdraws to enter military service prior to the end of an academic term. Proof must be submitted.
- A student who is dismissed for disciplinary reasons or administratively withdrawn for failure to comply with immunization requirements, prior to the end of an academic term, shall be liable for all tuition and fees due for that term.

Advance Housing Deposit (fall and spring semesters)

Each dormitory student is required to pay a housing deposit of $50 when applying for housing. The deposit is applied against housing charges incurred by the student during the semester.

The advance housing deposit is not refundable after July 1, for fall semester reservations and December 15 for spring semester reservations. Students cancelling after these dates forfeit their deposits. If the deposits were made after these deadlines, the deposits are refundable for 30 days from the date of payment or until the first day of classes, whichever comes first. An applicant placed on a waiting list who does not receive a room is entitled to a refund of the deposit. All requests for refunds of the deposit must be made in writing to the Office of Residential Life.

Advance deposits will not be carried forward to subsequent semesters. A refund must be requested.

Room and Board

Requests for refund of room rent and/or board (meals) must be made by completing a Housing Termination form obtained from the Office of Residential Life. Room rent is payable in advance of occupancy. A student who withdraws from the residence halls any time prior to the midpoint of the semester is liable for rent as prorated based upon the week of termination. A student who withdraws
after the midpoint of the semester is liable for the full semester’s rent. Room rental rates are not affected by brief lapses in service. Students who are suspended/dismissed/expelled from residence halls or the College for academic or disciplinary reasons will not be given refunds of room rents and deposits.

Only those students who have withdrawn from residence halls will be entitled to a meal plan refund. Meal plan refunds will be calculated by dividing the amount the student was charged, by the number of weeks in the period and multiplying this by the number of weeks during which meals were eaten. Meals eaten during a portion of a week shall be considered as having been eaten for a full week. There shall be no refund for less than a week. The request for refund shall include the reason that the refund is sought. Residents have the option of changing from one plan to another during the first five days of each semester.

Key and Room Damage Deposits
As authorized by SUNY, a $50 room and suite damage deposit, a $25 common area damage deposit and a $35 key deposit must be maintained throughout each semester a student lives on campus. These deposits are required to defray costs of repairing students’ rooms, suites, common areas, key cylinders and replacing lost keys. If any damage occurs in such areas as student rooms, bathrooms, suites or common areas such as stairwells, hallways and lounges, which cannot be properly charged to an individual, all members of the suite floor, building or area community may share equal financial responsibility for the damage. Any damage or key deposits remaining upon a student’s departure from residence housing will be refunded (to the student) in accordance with SUNY policy.

Student Government Fee
Requests for refund of the student activity fee must be made in writing directly to the Executive Board of the Student Government Association.

Foreign Student Health Insurance Fee
All international students, including participants in international exchange, overseas academic programs, and research programs, are required to participate in the state operated Health Insurance Program, unless they can document comparable alternative insurance coverage. The foreign student health insurance fee cannot be deferred. Payments must be made in full to the Bursar’s Office. (Evidence to authenticate an alternative insurance plan held by a student must be produced before a waiver can be granted.) For additional information, students may contact the International Student Advisor, located in the Office of Enrollment Services.

Health Service Fee
Refunds of the Health Service fee will be issued in accordance with the Schedule of Tuition Liability of the State University of New York. No refunds will be given after the end of the fourth week of a semester.

College Fee
The College fee is not refundable except for a student who withdraws to enter military service prior to the end of an academic term. Proof must be submitted to the Registrar’s Office.

Intercollegiate Athletic Fee
Refunds of the Intercollegiate Athletic Fee will be calculated based on the date of official withdrawal in accordance with the Schedule of Tuition Liability of the State University of New York.

Technology Fee
Refunds of the Technology Fee will be calculated based on the date of official withdrawal in accordance with the Schedule of Tuition Liability of the State University of New York.

Other Fees
Except as specified above, fees are nonrefundable.
The Office of Financial Aid, in addition to administering various federal/state financial aid programs, offers an extensive network of services to assist students in meeting the costs related to their education. Individual financial aid counseling, financial aid application workshops, debt-management counseling, scholarship opportunities and both on-campus and off-campus job opportunities are offered to students as a part of a comprehensive approach to assisting students in financing their college education.

Although the basic responsibilities for financing higher education rest with the students and their families, the Office of Financial Aid utilizes the maximum available federal/state aid resources to assemble a financial aid package that consists of grants, loans, scholarships and student employment opportunities for eligible students so that the burden on the students and their families will be minimal.

All financial aid at Old Westbury is administered without discrimination as to sex, race, color, religion, national or ethnic origin. Federal and state laws, regulations, guidelines and policies governing the administration of these programs are strictly followed.

Information in this section, although currently accurate, is subject to change as revisions in state and federal regulations occur and new legislation is passed.

Students are strongly encouraged to use this information in conjunction with individual communication with the Office of Financial Aid to be assured of all program requirements and updates.

**Application Process**

Students wishing to apply for any/all federal or state student financial assistance (grants, loans, scholarships and student employment opportunities) must contact the Office of Financial Aid and complete all of the required applications by the specified deadlines, as well as submit all necessary documentation to comply with regulatory requirements.

Students/parents can meet privately with a financial aid professional who will review the application process step by step and collect all of the required documentation. Applicants can apply electronically at www.fafsa.ed.gov. Contact the Office of Financial Aid for additional information.

**Application Documentation**

- Free Application for Federal Student Aid (F.A.F.S.A.)/Renewal Application; available at www.fafsa.ed.gov
- Institutional Financial Aid Application (I.F.A.A.)

In addition to the applications, students/parents might be required to submit additional documentation to the Office of Financial Aid prior to the determination of eligibility. All information is used strictly for the sole purpose of determining a student's eligibility for federal/state student financial assistance. The following items are examples of some of the additional documentation:

- A Verification Worksheet
- A signed photocopy of student’s and/or parent’s or spouse’s previous year’s federal/state income tax return (IRS 1040/1040A, IT200, etc.);
- Documentation of student/family previous year’s benefits from public assistance, Social Security, unemployment assistance, or other programs;
- Documentation of non-tax filing status.

**Application Process Overview**

The Free Application for Federal Student Aid (FAFSA) will be processed through a federal formula developed by Congress. This formula, which is written in the law, allows analysis of the applicant’s total family income and assets, as well as other important variables, and determines the student’s eligibility for the Pell Grant. In addition to Pell eligibility determination, the formula provides an expected family contribution. This figure is used by the Office of Financial Aid, as required by law, to determine a student’s need. Need, in this concept is derived by using the following formula:

\[
\text{Financial Need} = \text{Cost of Attendance} - \text{Expected Family Contribution} - \text{Outside Resources}
\]

Students who demonstrate this financial need receive a financial aid “package” (referred to earlier), once they fulfill all the necessary requirements for being awarded federal/state student financial aid. Approximately two to three weeks after the FAFSA is submitted electronically, students will receive Student Aid Reports (SAR’s) that must be checked for accuracy. At this point, the Office of Financial Aid will review students’ applications, request additional documentation (if necessary), and upon completion, send an Award Letter to students advising them of the assistance they are eligible to receive. This Award Letter must be signed and returned to the Office of Financial Aid no later than ten days from the date of the letter. Accepted and registered students can view items requested and/or award offerings on-line utilizing the Student Information System (https://owsis.oldwestbury.edu/pls/prod/twbkwbis.P_GenMenu?name=homepage).
Responsibilities of Financial Aid Recipients

All financial aid recipients are expected to complete the application process annually, by the prescribed deadlines. Students must meet requirements for good academic standing and maintain normal academic progress toward a degree. Students are obligated to report changes of name and address, changes in dependency status and receipt of any additional scholarships or grants, loans or employment to the Office of Financial Aid. The College reserves the right to make adjustments in financial aid packages due to any changes in enrollment, residency, income discrepancy or financial circumstances. Students who do not meet the requirements for aid that has been awarded will be required to repay financial aid funds they have received. Students who withdraw from the College before the end of an academic term may be required to repay a portion of their financial aid.

Approximate Academic Year Costs*

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (part-time: $181.00/credit) - NYS residents</td>
<td>$4,350.00</td>
</tr>
<tr>
<td>Tuition (part-time: $429.00/credit) - Non-residents</td>
<td>$10,300.00</td>
</tr>
<tr>
<td>College Fee (part-time: $.85/credit)</td>
<td>$25.00</td>
</tr>
<tr>
<td>Student Government Activity Fee (part-time: $83.00)</td>
<td>$126.00</td>
</tr>
<tr>
<td>Intercollegiate Athletic Fee (part-time: $128.00)</td>
<td>$256.00</td>
</tr>
<tr>
<td>Health Service Fee (part-time: $6.00/credit)</td>
<td>$140.00</td>
</tr>
<tr>
<td>Technology fee (part-time: $8.00/credit)</td>
<td>$200.00</td>
</tr>
<tr>
<td>Books and supplies</td>
<td>$800.00</td>
</tr>
<tr>
<td>Room (double occupancy)</td>
<td>$5,624.00</td>
</tr>
<tr>
<td>Meal Plan, residents (several plans available)</td>
<td>$2,700.00</td>
</tr>
<tr>
<td>Meals and personal expenses, commuters</td>
<td>$3,080.00</td>
</tr>
<tr>
<td>Personal expenses, residents</td>
<td>$1,210.00</td>
</tr>
<tr>
<td>Transportation/misc.: Residents</td>
<td>$750.00</td>
</tr>
<tr>
<td>Commuters</td>
<td>$1,675.00</td>
</tr>
</tbody>
</table>

*All charges/fees are subject to change without prior notice. See tuition/fee section for more specific cost information.

Types of Student Financial Aid Available

The College at Old Westbury participates in most federal and state financial aid programs. Students are urged to contact the Office of Financial Aid for specific information regarding these programs. The Office of Financial Aid also provides several publications to parents/students, such as:

- Financial Aid Brochures
- Financial Aid /The Student Guide/ USDE
- FAFSA ON THE WEB/USDE
- SUNY: How to Apply for Student Financial Aid/HESC
- SUNY: Your Student Loan/Your Rights and Responsibilities
- College at Old Westbury College Work Study and Off-Campus Employment Program
- SUNY: Your Student Loan/Paying Back

Federal Student Financial Aid

Applicants requesting federal assistance must meet the following minimum eligibility criteria:

- United States citizenship or non-citizen eligibility;
- Enrollment as a regular student in an eligible degree program;
- Documented "need" as described in the Application Process Overview above;
- Possession of a signed statement of Updated Information, Selective Service, Registration Status, Educational Purpose, and Refunds and Defaults;
- At least half-time enrollment for Federal Family Education Loan eligibility.

Grants: Financial Aid That Need Not Be Repaid

Federal Pell Grant: applied for via the FAFSA, IFAA and SAR’s (see Application Process).

Federal Supplemental Educational Opportunity Grant (FSEOG): applied for via the FAFSA, FAA and SAR’s (see Application Process).

Loans: Financial Aid That Must Be Repaid

Federal Family Loans: financial aid that must be repaid with interest.

Federal Perkins Loan: (formerly National Direct Student Loan): low interest educational loans that assist students in meeting educational costs. Applied for via the FAFSA, IFAA and SAR’s along with Institutional Promissory Notes (see Application Process).

Federal Stafford Loan: (formerly Guaranteed Student Loan): subsidized and unsubsidized low interest educational loans that assist students in meeting educational costs. Applied for via the FAFSA, IFAA, and the SAR’s. Unsubsidized Federal Stafford Loans are available regardless of family income.
Federal Parent Loans for Undergraduate Students (FPLUS): low interest educational loans to assist parents of undergraduates in meeting students’ educational costs. Applied for via a Pre-Qualification Application and Master Promissory Note in conjunction with an FAFSA, FAA and SAR’s (see Application Process).

Important Note: When students apply for a Federal Stafford loan, and/or Federal Perkins loan, they must sign an agreement to repay it. That agreement is called a Promissory Note. Students are urged to understand that these are legally binding contracts and the loans must be repaid even if they decide not to finish school. Any student who fails to repay the loan, will go into default and the school, the lender, New York State and the federal government will take legal action against the student to recover the money. The College feels that an education is the wisest and most important investment that an individual can make; however, before students take educational loans, the College urges them to see a financial aid professional to discuss their rights and responsibilities, and issues related to repayment, debt management and loan default.

Student Employment: employment, federally and non-federally funded, that allows students to work and earn money to help pay for school.

Federal College Work Study (FCWS): federally and state-funded program that allows eligible students to work in an area of interest with a minimum salary of six dollars per hour. Applied for via the FAFSA, IFAA, and SAR’s (see Application Process).

Job Location and Development (JLD): federally and state-funded program that coordinates the search and placement of students in employment off campus, usually related to their field of interest. Applied for via a JLD application.

Anti-Drug Abuse Act Certification
Warning: As set out more fully in section 5301 of the Anti-Drug Abuse Act of 1988, if you are convicted of drug distribution or possession, the court may suspend your eligibility for Title IV financial aid. If you are convicted three or more times for drug distribution, you may become permanently ineligible to receive Title IV financial aid.

New York State Student Financial Aid
In addition to the various federal student financial aid programs, New York State residents (United States citizens, permanent residents or refugees) can apply for various student financial assistance to help meet their costs of education. Students are urged to contact the Office of Financial Aid for specific information on these programs. Students must also be aware that, as is the case with federal student financial aid, state student financial aid has specific academic requirements for determination of eligibility. Students must meet both the Pursuit and Progress Standards set forth in this catalog and are reminded that they must repay any financial assistance that they receive if they are subsequently determined to be academically ineligible. Failure to declare a major by the time students have earned 57 credits will result in loss of eligibility for state financial aid.

Tuition Assistance Program (TAP): a non-repayable grant available to eligible New York State residents to assist students in meeting their cost of tuition. Applied for via a Free Application for Federal Student Aid (FAFSA) and ETAP Application. Students must be enrolled full-time (at least 12 credits per semester) and meet other criteria as indicated.

Aid for Part-time Study (APTS): a non-repayable grant available to eligible New York State residents who have not exhausted their TAP eligibility and are working toward a degree on a part-time basis (fewer than 12 credits per semester). Additional information is available in the Office of Financial Aid. Applied for via an APTS Application from the Office of Financial Aid in conjunction with an IFAA (see Application Process).

Part-Time TAP: A non-repayable grant available to eligible New York State residents who have not exhausted their TAP eligibility and are working toward a degree on a part-time basis. Additional information is available in the Office of Financial Aid.

Educational Opportunity Program (EOP): a program designed to provide higher education opportunities for academically and economically disadvantaged students. Eligibility is determined jointly by the Admissions Office, the Financial Aid Office and the EOP Office. Applied for via the Admissions Office in conjunction with the FAFSA, FAA and SAR’s (see Application Process).

Other State Student Financial Aid: in addition to the state programs listed above, students should also contact the Office of Financial Aid regarding specific aid programs such as:

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>AmeriCorps Education Award</td>
<td>Are you a New York State resident interested in high quality opportunities in community service activities in exchange for an education award?</td>
</tr>
<tr>
<td>Child of Veteran</td>
<td>Students whose parent(s) served in the U.S. Armed Forces during specified periods of war or national emergency.</td>
</tr>
<tr>
<td>Flight 587 Memorial Scholarship en Español</td>
<td>This scholarship guarantees access to a college education for the families and financial dependents of victims of the crash of American Airlines flight 587 on Nov. 12, 2001.</td>
</tr>
<tr>
<td>Scholarship Type</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Memorial Scholarship</td>
<td>Memorial Scholarships provide financial aid to children, spouses and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers, and emergency medical service workers who have died as the result of injuries sustained in the line of duty in service to the State of New York. Student must establish eligibility by submitting a Memorial Scholarship Supplement, for study in New York State.</td>
</tr>
<tr>
<td>Military Service Recognition Scholarship (MSRS)</td>
<td>MSRS provides financial aid to children, spouses and financial dependents of members of the armed forces of the United States or state organized militia who, at any time on or after Aug. 2, 1990, while New York State residents, died or became severely and permanently disabled while engaged in hostilities or training for hostilities. Student must establish eligibility by submitting a Military Service Recognition Scholarship Supplement, for study in New York State.</td>
</tr>
<tr>
<td>NYS Scholarship for Academic Excellence</td>
<td>Scholarships for Academic Excellence provide up to $1,500 per year for up to five years of undergraduate study in New York State.</td>
</tr>
<tr>
<td>New York Lottery Leaders of Tomorrow Scholarship</td>
<td>One student from every public and non-public school that applies will be awarded a scholarship. For study in New York State.</td>
</tr>
<tr>
<td>NYS Volunteer Recruitment Service Scholarship</td>
<td>New York State offers scholarships to volunteer fire and volunteer ambulance companies to use as a recruitment and retention incentive for new members. Scholarships are for study at local colleges or universities in New York State. Volunteer company officials may obtain applications by contacting the Scholarship Unit at 1 (888) 697-4372. Student should request the application from their company official.</td>
</tr>
<tr>
<td>Regents Health Care Opportunity Scholarship</td>
<td>New York State Regents Health Care Opportunity Scholarships are awarded annually to students studying medicine or dentistry in New York State.</td>
</tr>
<tr>
<td>Regents Professional Opportunity Scholarship</td>
<td>Students pursuing a career in one of several professions may be eligible to apply for the New York State Regents Professional Opportunity Scholarships. For study in New York State.</td>
</tr>
<tr>
<td>Robert C. Byrd Honors Scholarship</td>
<td>This competitive federal honors program provides scholarships to academically talented high school seniors who are New York State residents and plan to attend any approved institution of higher education in the United States.</td>
</tr>
<tr>
<td>State Aid to Native Americans</td>
<td>Are you an enrolled member of a New York State tribe or the child of an enrolled member of a New York State tribe? You may be eligible for an award through the Aid to Native Americans Program. For study in New York State.</td>
</tr>
<tr>
<td>Veterans Tuition Awards</td>
<td>Vietnam, Persian Gulf, or Afghanistan veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State are eligible for awards for full or part-time study.</td>
</tr>
<tr>
<td>World Trade Center Memorial Scholarship</td>
<td>The World Trade Center Memorial Scholarship guarantees access to a college education for the families and financial dependents of innocent victims who died or were severely and permanently disabled as a result of the Sept. 11, 2001 terrorist attacks on the United States of America and rescue and recovery efforts.</td>
</tr>
</tbody>
</table>

**Other Scholarships**

The Office of Financial Aid posts scholarship offerings on its scholarship board located outside the office and at [http://www.oldwestbury.edu/admissions/financial.cfm](http://www.oldwestbury.edu/admissions/financial.cfm). Students should be aware that the office can provide scholarship listings, upon request, that describe various scholarships, as well as instructions for application.

**Disbursements**

Financial aid funds for eligible recipients are disbursed by the Office of the Bursar usually before mid-semester. (College Work Study checks are also disbursed by the Office of the Bursar every two weeks.) Therefore, it is strongly recommended that each financial aid recipient have $400 to $500 available (after the bill has been paid) to cover books and personal expenses, including transportation, until financial aid checks arrive.

*Federal Stafford and Parent Loan checks may be reduced by the amount of an origination fee and an insurance fee.

**Academic Standards for Continued Financial Aid Eligibility**

All students are expected to maintain good academic standing and be making satisfactory progress at the College to receive financial aid.
New York State Awards
To be eligible for state aid, all students must fulfill the following conditions of pursuit and progress:

**Pursuit:** - Must complete the minimum number of credit hours listed in the appropriate semester:

<table>
<thead>
<tr>
<th>STATE AWARD SEMESTERS</th>
<th>MINIMUM CREDIT HOURS OR EQUIVALENT CREDIT HOURS TO BE COMPLETED EACH SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>First &amp; Second</td>
<td>6</td>
</tr>
<tr>
<td>Third &amp; Fourth</td>
<td>9</td>
</tr>
<tr>
<td>Fifth &amp; Beyond</td>
<td>12</td>
</tr>
</tbody>
</table>

Withdrawals (grades of W) are not considered course completions.

**Progress:** State Award Semesters

Standards for First-Time to College Students Who are First-Time TAP Recipients and Enter College During or After Fall 2006

<table>
<thead>
<tr>
<th>Before being certified for this payment:</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>7th</th>
<th>8th</th>
<th>9th</th>
<th>10th</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student must have accrued at least this many credits:</td>
<td>0</td>
<td>3</td>
<td>9</td>
<td>21</td>
<td>33</td>
<td>45</td>
<td>60</td>
<td>75</td>
<td>90</td>
<td>105</td>
</tr>
<tr>
<td>With at least this GPA:</td>
<td>0</td>
<td>1.1</td>
<td>1.2</td>
<td>1.3</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

Standards For Students Who Entered College Prior to Fall 2006

<table>
<thead>
<tr>
<th>Before being certified for this payment:</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>7th</th>
<th>8th</th>
<th>9th</th>
<th>10th</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student must have accrued at least this many credits:</td>
<td>0</td>
<td>3</td>
<td>9</td>
<td>18</td>
<td>30</td>
<td>45</td>
<td>60</td>
<td>75</td>
<td>90</td>
<td>105</td>
</tr>
<tr>
<td>With at least this GPA:</td>
<td>0</td>
<td>.5</td>
<td>.75</td>
<td>1.20</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

*Refers only to semesters for which a student has received state aid.

Noncredit remedial instruction (equated credits) can be counted toward a full-time academic load, but the number of credits in this chart refers to work completed toward the degree.

Financial Aid Ineligibility Waiver Policy

Students who are notified that they have lost eligibility for state financial aid for failure to meet pursuit and/or progress standards outlined on the accompanying chart may request a waiver. Only one waiver may be granted during the student’s entire undergraduate education. In addition, students who do not maintain a minimum semester grade point average of 2.00 (“C” average) beginning in their fifth TAP semester will lose TAP eligibility. A “C” average waiver may be granted if a student meets the following waiver application criteria.

Waiver applications will be considered by the Office of Academic Affairs if the student can document one of the following reasons for not having met minimum standards:

1. Illness or death in family
2. Personal illness
3. Personal problems
4. Financial problems
5. Family problems
6. Other extenuating circumstances (must be specified)

Waiver applications are available in the Office of Financial Aid. Completed applications must be accompanied by appropriate documentation, e.g., medical records, letters from community agencies or College officials.

Federal Awards

To be eligible for Title IV federal aid (Pell, FSEOG, CWSP, Perkins, Stafford), students must meet the College’s criteria for good academic standing and maintain satisfactory progress toward a degree. The criteria for good academic standing and satisfactory progress toward a
degree are outlined in this catalog in the Academic Policies and Procedures section under the heading Academic Standing. Students who fail to meet these criteria may, through the Academic Standing Committee, appeal for reinstatement to the College. If students are successful in their appeal for reinstatement, they must provide documentation to the Office of Financial Aid. All federal aid, except the Perkins loan, will be reinstated following a successful appeal. Students who are placed on probation are not eligible for a federal Perkins loan.

A particular course can count toward a degree only once. Students who repeat courses will be using up full-time equivalent semesters without a corresponding incremental increase in credit accumulation. Therefore, students who frequently repeat courses risk falling below the standard.

Students enrolled at the College must be making satisfactory progress before federal funds will be disbursed, whether or not aid was received for prior semesters. At the end of each semester, students are evaluated for financial aid eligibility for the following semester. Transfer students are assumed to be in good academic standing and making satisfactory progress during their first semester at the College. They will be evaluated for aid eligibility after completion of their first semester at Old Westbury.

The academic records of readmitted students will be evaluated for financial aid eligibility based upon their previous academic performance.

Since nondegree students fulfilling requirements for certification are eligible only for Federal Stafford and PLUS loans, the sole evaluation criterion will be good academic standing. Satisfactory progress standards (completion of degree credits) will apply if non-degree students decide to matriculate.

**Continued Financial Aid Eligibility for Part Time Students**

Completion of courses and the number of earned credits is prorated accordingly for part-time students receiving Aid for Part-time Study and Vietnam Veteran’s Tuition awards.

**Financial Aid Procedures for Withdrawals**

Depending upon individual circumstances and the date that they withdraw from the College at Old Westbury, students need to be aware of financial implications and take appropriate action. Specific items students need to be concerned about are as follows:

**College Refund Policy** – Tuition, fees, room, and meal plan charges are assessed over time each semester. Reductions in charges, or refunds if appropriate, will be processed automatically by the College based upon the date the student officially withdraws from the College. Students should have an understanding of college refund policy as it pertains to their situation. The College at Old Westbury’s refund policy is printed in the Schedule of Classes each semester.

**Federal Title IV Return of Federal Student Aid** - Federal regulations require aid recipients to “earn” most of the aid they receive by staying enrolled in college at least half time. Students who withdraw prior to completing 60 percent of the semester for which they received federal student aid may be required to return some of the aid they were awarded. Federal regulation assumes that you used your Title IV student aid (e.g. Pell, Stafford or Perkins Loans) to pay your institutional charges – tuition, fees, residence hall room and board, and certain other institutional charges – whether you did or not. If you withdraw prior to completing 60 percent of the semester for which you were awarded aid, the unearned portion of that aid must be returned to the federal government.

The College at Old Westbury will restore to the appropriate federal fund source its required share of institutional charges that you have paid. If the amount returned by the College is not enough to repay the entire amount that you haven’t “earned” by the length of your enrollment, you will be required to return portions of amounts that you received to pay for indirect expenses.

Amounts that must be returned to federal aid sources, whether by The College of Old Westbury or by you, will first be applied to your federal loans. If you are entitled to a refund from The College at Old Westbury of amounts you paid to cover institutional charges, any refund due you will first be applied to your obligation to return “unearned” aid before you receive money back.

This policy is based on 34 CFR, Section 668.22 of Title IV of the Higher Education Act of 1965, as amended. The College at Old Westbury uses a recognized calculation procedure to abide by this regulation.

**Official Withdrawals**

Deferred aid is considered payment against charges and if sufficient, may hold courses which would otherwise be cancelled for nonpayment. You must formally withdraw if you do not plan to attend classes. Students must complete the official withdrawal process so as not to jeopardize their continued eligibility for financial aid.

- Student obtains Withdrawal Form from the Office of the Registrar, completes it, obtains appropriate signatures and returns it to Office of the Registrar.
- Students who have received FFEL must schedule an exit interview with the Office of Financial Aid and/or Bursar.
- The Office of Financial Aid calculates indirect costs according to 34 CFR, Section 668.22 of Title IV of the Higher Education Act of 1965, as amended and a recognized calculation procedure.
STUDENT AFFAIRS

The central purpose of the Division of Student Affairs is to complement and enhance the academic mission of the College by developing and implementing diverse programs and activities that support the academic enterprise. As a catalyst in the student development process, Student Affairs addresses the various interpersonal and affective issues associated with learning inside and outside the classroom. Toward this end, the Division of Student Affairs provides a full spectrum of services aimed at enriching the student's total Old Westbury experience. The College encourages student participation in the greater campus community and promotes opportunities that enable students to grow personally, socially, physically and culturally.

The highly qualified and diverse student affairs staff helps students in achieving their personal and professional best by encouraging involvement in athletics, social and cultural activities, career exploration and leadership opportunities. Given the diversity at Old Westbury, the Division is committed to creating an environment in which students feel valued, respected, and appreciated. The goal of the Student Affairs staff is to inspire students to pursue activities both inside and outside of the classroom that will ensure their full and responsible participation in campus life and in the greater community.

Administered by the Vice President for Student Affairs, the Division consists of the following units: Dean of Students, Counseling Services, Career Planning Services, Student Health Services, Residential Life, Student Activities, Judicial Affairs and Interfaith Services. Many of these offices have scheduled evening hours, and all offices will arrange evening appointments by request.

The Division of Student Affairs oversees and advises the Student Government Association and its recognized clubs and organizations. The Division is also responsible for administering the official judicial codes of student conduct. (The Code for Student Conduct can be found in its entirety at www.oldwestbury.edu.)

The Division of Student Affairs is the primary information resource for students and provides both support and advocacy services.

Dean of Students

The Dean of Students functions as a member of the College's senior management team. Reporting to the Vice President for Student Affairs, the Dean of Students enforces the policies and procedures outlined in the Student Handbook while fostering a nurturing environment that encourages personal and academic growth and leadership amongst the student body. The Dean of Students oversees the offices of Student Activities, Judicial Affairs and Interfaith Services, and works closely with the Vice President for Student Affairs in shaping and implementing the guidelines for the offices of Residential Life, Counseling Services, Careers Services and Student Health.

The Office of the Dean of Students is located in the Student Union, Room 303.

Student Health Services

The Student Health Services is located in Academic Village, Eleanor Roosevelt Hall, telephone (516) 876-3250. Its primary function is to maintain each student’s health and promote healthful habits enabling Old Westbury students to achieve their academic and life goals. All currently enrolled students (full-time/part-time, residents/commuters) are eligible to use the service. Students under 18 years old must have parent/guardian consent on file. The service provides diagnosis and treatment of common student health problems and referrals for problems requiring more specialized care. In addition, students are guided toward an understanding of the role they play in determining their own health and how they can attain a high level of well-being.

It is recommended that all accepted students submit a record of a medical examination and a health history prior to attendance. These records provide the Student Health Service with the information needed in planning to meet the health care needs of individual students and the campus community as a whole.

The New York State Public Health Law (Section 2165) requires all enrolled college students to comply with laws regarding meningitis, measles, mumps, and rubella. (For more information, see the section on Public Health Law in this catalog under Laws, Policies, and Regulations Governing Campus Life.)

The SUNY Board of Trustees requires that all students partially fund, through a health fee, the campus Student Health Service. A Student Health Advisory Committee composed of students, faculty, and staff members acts in an advisory capacity and makes recommendations to the President regarding improvements or changes in the programs, policies, and procedures. When the College is in session, Student Health Services generally has a nurse in attendance five days a week. Physicians, nurses, and nurse practitioners are available Monday through Friday to provide primary care in the event of illness or injury. Schedules are available upon request and are subject to change. Students who must be referred to off-campus facilities such as hospitals, medical specialists, and laboratories are responsible for any charges incurred. Gynecological counseling and basic care is also available.

Additional health and dental plans are available to students. Students who have no other coverage are urged to purchase membership. International students are advised to contact the College’s International Student Advisor, located in the Office of Enrollment Services, for information about mandatory health insurance coverage (see also the Tuition and Fee Information section of this catalog).

The Student Health Service also offers screening for various illnesses. Students may call (516) 876-3250 for further information.

Confidentiality: Medical records are not released without the student’s permission except as required by law.
Counseling & Career Services

The mission of Counseling & Career Services at SUNY College at Old Westbury is to promote personal growth and skill development.

We all experience times of stress, change, and transition during our lives. College is a particularly challenging period when students are faced with many tasks. To help with these tasks, the Old Westbury Counseling & Career Center provides a variety of free and confidential services for students of Old Westbury. The following is a brief description of the services:

Career Services:

Individual Career Counseling: A career counselor is able to see students one-on-one in order to discuss and explore concerns regarding a student’s major & career options, graduate school advisement, job hunt or topics related to career matters.

Career Assessments: If you are confused or uncertain about the major you would like to declare, a career counselor will meet with you and if necessary administer a career assessment. Assessments point out an individual’s skills, interests and personality type in relation to various occupations.

Workshops: Throughout the semester, career services workshops are offered in order to provide students with essential tips and advice that are needed as they transition into future professionals. Topics include: Resume and Cover Letter Writing, Interviewing Skills, Job Search Strategies, etc.

Career Services Events: During the academic year, there are several events that take place, including the Annual Fall Graduate Fair and Spring Job Fair, formation sessions, guest-speaker workshops and recruitment events.

Resources: There are a variety of resources available when you visit the Career Center. Books and videos regarding career exploration and preparation are examples. In addition, graduate school brochures, as well as other guides are available. Computer workstations where students can work on their resume or career related material are accessible.

MonsterTRAK: MonsterTRAK is a computerized service that allows employers to post their job opportunities online. Students can view part-time, full-time and internship opportunities through this customized website.

Counseling Services:

Personal Counseling: Counselors are available for short-term individual counseling, group counseling, couples counseling, and family counseling for a wide range of personal issues. Personal counseling provides an opportunity to learn how to resolve personal issues that are confusing or distressing, talk with someone who is not involved in your everyday life, is professionally trained, unbiased and can give more useful feedback from a different perspective. Outside referrals can be made for students needing long-term treatment or psychiatric care.

Crisis Intervention: In an emergency situation, counselors will provide immediate crisis intervention counseling and assist with the management of the situation. For crisis assistance during regular hours of operation call the center. In the event of an after hours emergency, students should call University Police at (516) 876-3333.

Consultation and Outreach: These services include planning and presenting programs, consulting with groups and organizations, and co-sponsoring programs with other departments on campus. Such programs include Drug & Alcohol Awareness Week, Rape Awareness Week, and other mental health related topics. Consultations are available for staff, faculty, or administrators to address a range of issues including services available at the center; how to recognize students who need help; strategies for helping connect a student with the counseling center or other support services, as well as other related matters. Counseling Center Staff are also available to consult with concerned family members, friends, or roommates of students experiencing emotional distress.

Peer Counselor Empowerment Training Program: The program provides training in how to be active listeners, reach out to peers who are experiencing stresses and difficulties in their lives, encourage them to seek help, and make referrals. The program has several goals – to change students’ attitudes by removing the stigma associated with counseling; promote the norm that it’s okay to seek help; to assist the efforts of outreach for the Counseling and Career Services Center and to help the peer counselors develop their leaderships skills.

The Office of Counseling & Career Services is located in the lower level of the Student Union building. The hours of operation are Monday through Friday, 8:30AM – 5PM, with evening hours available by appointment. For more information, call (516) 876-3053.

Residential Life

The campus has fourteen (14) residence halls, five (5) of which are new three story structures and house approximately 1000 students. The new halls feature: oversized double rooms, satellite television service, two (2) data ports per room, two (2) telephone lines per room, study-lounges and laundry and kitchenette facilities on each floor, state-of-the-art security technology, and ADA compliant amenities.

The Office of Residential Life also assists residents in building a community, in which each individual can live comfortably and safely as each grows and develops. To accomplish this, Residential Life provides staff, facilities, policies and procedures to help residents make the most of their residence hall experience. Additionally, to enhance a resident’s growth and development, the Residential Life staff sponsors a series of social, cultural, and educational programs and activities while providing a host of other services.
The Office of Residential Life is located on the third floor of the Campus Center, Room H-316, and can be reached by calling (516) 876-3210. The main office hours are from 8:30 a.m. to 5:00 p.m., Monday through Friday. There are also six community offices with one located in each hall, as well as the Residence Hall Directors’ offices. These offices are staffed sporadically (Monday through Friday) 9:00 a.m. through 8:00 p.m. Resident Assistants are available in their hall duty offices between 8:00 p.m. and midnight, Friday through Wednesday, and between 12:00 a.m. and 4:00 a.m. on Thursday.

*To be eligible for campus housing, a student must be enrolled full-time (at least 12 credit hours), and maintain a cumulative GPA of at least 2.0.

**Office of Student Activities (OSA)**

The Office of Student Activities is responsible for helping students develop programs designed to enhance their social, cultural and recreational life at the College and to provide opportunities for personal cognitive growth and educational experiences.

The professional staff oversees and advises the Student Government Association and its affiliated clubs and organizations and recognized fraternities and sororities. The office provides interested students with the opportunity to participate in leadership development seminars and trainings through the LEAD program and various other opportunities for co-curricular enrichment.

Additionally, the Office of Student Activities is responsible for enhancing commuter involvement and coordinating campus-wide programs such as the Welcome Back Barbecue, Stay Up at the Union, Comedy Night and many other programs. The office is located in the Student Union, room 303 and can be reached by calling 516.876.3067.
University Police Department (UPD)
The quality of life on campus is critical to achieving quality education.

- The goal of the campus community is academic achievement. To realize that goal there must be a safe, secure and attractive environment with a positive social atmosphere.

- The goals and functions of the University Police Department (UPD) are service to the community, protection of life and property, prevention of crime, resolution of conflict, and enforcement of state and local laws, all of which are geared to help provide a positive social atmosphere.

As part of the academic community and charged with the responsibility of maintaining an atmosphere conducive to education, the University Police Department (UPD) strives to combine “law and order” with harmony and humaneness.

“Public education” and “community relations” are as important as “service and protection.” Here at SUNY Old Westbury, we stress that all officers be aware of and appreciate the uniqueness of the College, and the diverse community that it serves.

Identification (I.D.) Cards

- A valid College I.D. card is the official College at Old Westbury identification for all students, faculty, staff and other employees. It must be carried at all times when on the campus of the College at Old Westbury. It is nontransferable and must be presented, on request, to all College officials and University Police Department (UPD) officers. It must be shown when requesting services of College Notaries Public, for entry into student activities, recreation areas, athletic contests, residence halls and when seeking access to SUNY property.

- Students are entitled to one free I.D. card during their first semester only. Any student failing to obtain an I.D. card during his or her first semester will be required to pay a fee of $10.00 for the card after the first semester.

- The College I.D. card is void upon termination, interruption of enrollment, at the end of contract obligation to the College or separation from College service, and must be surrendered to the University Police Department (UPD) as part of the exit procedure for both permanent and temporary personnel.

- Lost cards should be reported immediately to the University Police Department (UPD). A replacement fee of $10.00 is required for all lost or damaged College I.D. cards. The fee is to be paid at the Bursar’s Office, a receipt obtained and presented to the University Police Department (UPD) prior to the issuance of a replacement card.

- A $10.00 fee is also required for all non-returned I.D. cards. The fee is to be paid at the Bursar’s Office, a receipt obtained and presented to the Personnel Office prior to the release of an employee’s final paycheck.

Vehicle Registration (Parking Permits)

All vehicles routinely parked on campus must display a registration decal. The decal can be purchased at the Office of the Bursar upon payment of the appropriate fee. If a vehicle with a pass is being repaired, a temporary pass may be obtained at the University Police Department (UPD).

The University Police Department (UPD) acknowledges and honors all handicapped parking permits issued by governmental authorities. The department issues only 14-day temporary permits to employees. Students requiring temporary handicapped permits must report to the Student Health Service located in Building 7 for approval by that office. Members of the college community who feel they require full-time handicapped parking should contact the Office of the Physically Challenged in their local community. Check the blue pages in your telephone directory for the number.

IMPORTANT INFORMATION: College Campus Safety Report

Each year the SUNY College at Old Westbury prepares a College Campus Safety Report that addresses issues of safety and security at the College. This annual report includes crime reporting, drug and alcohol policies, daily crime log, crime prevention, disciplinary process, resident hall security, sexual assault and harassment policies, victim’s rights, crime identification, campus crime statistics, and other topics pertaining to campus safety. The document is available by October 1 of each year in hard copy at University Police Headquarters and many offices throughout the campus and on the College Web Site by going to the home page and then click on Emergency Procedures and then College Campus Safety Report.

Campus Codes and Policies

Code for Student Conduct

SUNY College at Old Westbury expects that all students will conduct themselves lawfully, maturely, and responsibly. The College’s Code for
Student Conduct is intended to protect the rights, personal security, and property of individuals and groups within the College community as well as the College community as a whole. Further, its intent is to restrain behavior which is detrimental to learning or contrary to the goals of the College. The Code of Student Conduct informs members of the College community of the conduct expected, prohibited conduct, disciplinary procedures and sanctions applicable for violations of this Code. The Code for Student Conduct may be found in its entirety at www.oldwestbury.edu. This Code is applicable to all students of the College. Students of the College are those who are registered for classes. In addition to this Code, there are specific rules and regulations governing campus-operated housing which can be found in the Guide to Campus Living.

Drug & Alcohol Policy
The consumption and/or possession of drugs and alcohol are prohibited at SUNY College at Old Westbury. Procedures and sanctions for violation of this policy will be in accordance with The Code for Student Conduct, which can be found in its entirety at www.oldwestbury.edu.

Bias/Hate Crimes on Campus
It is a State University of New York at Old Westbury University Police mandate to protect all members of the College at Old Westbury community by preventing and prosecuting bias or hate crimes that occur within the campus's jurisdiction.

Hate crimes, also called bias crimes or bias-related crimes, are criminal activities motivated by the perpetrator's bias or attitude against an individual victim or group based on perceived or actual personal characteristics such as race, religion, ethnicity, gender, sexual orientation, or disability. Hate based crimes have received renewed attention in recent years, particularly since the passage of the Federal Hate/Bias Crime Reporting Act of 1990 and the New York Hate Crimes Act of 2000 (Penal Law Article 485). Copies of the law are available in the Office of the University Police at the college.

Committee on Animal Experimentation
The College has an Institutional Animal Care and Use Committee (IACUC) whose function is to ensure animal welfare. Thus, experimentation involving animals must be approved by this group. Committee membership is consistent with state and federal guidelines.

Computer Equipment, Facilities and Data Policy
Persons wishing to use the College's information processing equipment, facilities or data must obtain and follow the procedures and guidelines for proper use. The instructions are posted in computer laboratories and on personal computers wired to the mainframe/network. Attempts to access, acquire or modify the College's information processing equipment or data by any means other than those specifically provided and authorized by the College are prohibited. The College discourages members of the campus community from maintaining copies of legally-sensitive information. In the case that this is required as part of their job, they are expected to take reasonable means to secure such information. This includes, but is not limited to keeping these copies physically secure and encrypted in such a manner as to render the information useless in the event of a theft of said copies. Examples of copies include files, reports, etc. that contain legally-sensitive information and are stored on local/network drives, floppydisks, CD-ROMs, flashdrives, etc.

Attempts to make, acquire, use or modify copies of computer software licensed to the College in a manner that violates these license agreements, including but not limited to, copying for personal use, use for private business, or creating a computer “virus” are prohibited. Software not provided by the College may not be installed or used in the College's equipment.

WiFi a.k.a. 802.11 wireless networking. The College provides this system for the convenience of students to access educational, class-related material. The 802.11 standard has many well-known security vulnerabilities. Therefore, the College makes no claims as to the security of this network or its suitability for any other purpose. Students use it at their own risk.

Institutional Review Board
The Institutional Review Board (IRB) is established to protect the rights and welfare of human research subjects recruited to participate in research activities conducted under the auspices of the institution with which it is affiliated. The IRB and the Human Subjects Research Committee (HSRC) have the authority to approve, require modifications in, or disapprove all research activities that fall within its jurisdiction as specified by federal regulations and local institutional policy.

Students are protected as human research subjects under these guidelines. IRB Chair: Dr. Diana Papademas

Non-Discrimination / Anti-Harassment Policy
SUNY College at Old Westbury is committed to an educational and employment environment in which all individuals are treated with respect and dignity. Each individual has the right to work or study in a professional atmosphere that promotes equal treatment and prohibits discriminatory practices, including harassment. Therefore, the College expects that all relationships among persons at the College will be professional and free of bias, prejudice and harassment.
It is the policy of the College to ensure equal treatment without discrimination or harassment on the basis of race, color, national origin, religion, sex, age, disability, citizenship, marital status, sexual orientation or any other characteristic protected by law. The College prohibits and will not tolerate any such discrimination or harassment.

Definitions of Harassment

1. Sexual harassment constitutes discrimination and is illegal under federal, state and local laws. For the purposes of this policy, sexual harassment is defined, as in the Equal Employment Opportunity Commission Guidelines, as unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when, for example: (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual’s employment or academic treatment; (2) submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting such individual; or (3) such conduct has the purpose or effect of unreasonably interfering with an individual’s work or study performance or creating an intimidating, hostile or offensive working or learning environment.

Sexual harassment may include a range of subtle and not so subtle behaviors and may involve individuals of the same or different gender. Depending on the circumstances, these behaviors may include, but are not limited to: unwanted sexual advances or requests for sexual favors; sexual jokes and innuendo; verbal abuse of a sexual nature; commentary about an individual’s body, sexual prowess or sexual deficiencies; leering, catcalls or touching; insulting or obscene comments or gestures; display or circulation on the campus of sexually suggestive objects or pictures (including through e-mail); and other physical, verbal or visual conduct of a sexual nature.

2. Harassment on the basis of any other protected characteristic is also strictly prohibited. Under this policy, harassment is verbal or physical conduct that denigrates or shows hostility or aversion toward an individual because of his/her race, color, religion, sex, national origin, age, disability, citizenship, sexual orientation, marital status or any other characteristic protected by law or that of his/her relatives, friends or associates, and that: (1) has the purpose or effect of creating an intimidating, hostile or offensive work or study environment; (2) has the purpose or effect of unreasonably interfering with an individual’s work or study performance; or (3) otherwise adversely affects an individual’s employment or learning opportunities.

Harassing conduct includes, but is not limited to: epithets, slurs or negative stereotyping; threatening, intimidating or hostile acts; denigrating jokes and display or circulation on the campus of written or graphic material that denigrates or shows hostility or aversion toward an individual or group (including through e-mail).

Individuals and Conduct Covered

These policies apply to all applicants, employees and students, and prohibit harassment, discrimination and retaliation with respect to employment, programs or activities at the College, whether engaged in by fellow employees, supervisors or managers, faculty members or students or by someone not directly connected to the College (e.g., an outside vendor, consultant or customer).

Conduct prohibited by these policies is unacceptable in the workplace/classroom and in any college-related setting outside the workplace/classroom, such as during business (college) trips, business (college) meetings and business (college)-related social events.

Retaliation is Prohibited

The College prohibits retaliation against any individual who reports discrimination or harassment or participates in an investigation of such reports. Retaliation against an individual for reporting harassment or discrimination or for participating in an investigation of a claim of harassment or discrimination is a serious violation of this policy and, like harassment or discrimination itself, will be the subject of disciplinary action.

COMPLAINT PROCEDURE

Reporting an Incident of Harassment, Discrimination or Retaliation

The College strongly urges the reporting of all incidents of discrimination, harassment or retaliation, regardless of the offender’s identity or position. Individuals who believe they have experienced conduct that they believe is contrary to the College’s policy or who have concerns about such matters should file their complaints with the College’s Affirmative Action Officer/Title IX Coordinator/Assistant to the President for Administration or the College President or any member of supervision or faculty member the individual feels comfortable with who is then obligated to report the complaint to the Affirmative Action Officer/Title IX Coordinator/Assistant to the President for Administration, or the College President. Individuals should not feel obligated to file their complaints with their immediate supervisor — or a member of supervision — before bringing the matter to the attention of one of the other of the College’s designated representatives above.

Individuals who have experienced conduct they believe is contrary to this policy have a legal obligation to take advantage of this complaint procedure. An individual’s failure to fulfill this obligation could affect his or her right to pursue legal action.

Early reporting and intervention have proven to be the most effective method of resolving actual or perceived incidents of harassment, discrimination or retaliation. The College strongly urges the prompt reporting of complaints or concerns so that rapid and constructive action can be taken.

The availability of this complaint procedure does not preclude individuals who believe they are being subjected to harassing conduct from promptly advising the offender that his or her behavior is unwelcome and requesting that it be discontinued.
The Investigation
Any reported allegations of harassment, discrimination or retaliation will be investigated promptly. The investigation may include individual interviews with the parties involved and, where necessary, with individuals who may have observed the alleged conduct or may have other relevant knowledge. Confidentiality will be maintained throughout the investigatory process to the extent consistent with adequate investigation and appropriate corrective action.

Responsive Action
Misconduct constituting harassment, discrimination or retaliation will be dealt with appropriately. Individuals who have questions or concerns about these policies should talk with the College’s Affirmative Action Officer/Title IX Coordinator.

Finally, these policies should not, and may not, be used as a basis for excluding or separating individuals of a particular gender, or any other protected characteristic, from participating in business, academic or work-related social activities or discussions in order to avoid allegations of harassment. The law and the policies of the College prohibit disparate treatment on the basis of sex or any other protected characteristic, with regard to terms, conditions, privileges and perquisites of employment/education. The prohibitions against harassment, discrimination and retaliation are intended to complement and further these policies, not to form the basis of an exception to them.

CONTACT INFORMATION:

<table>
<thead>
<tr>
<th>Department</th>
<th>Telephone #</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of the President</td>
<td>(516) 876-3160</td>
<td>Campus Center, Rm. H-400</td>
</tr>
<tr>
<td>Office of Affirmative Action/Title IX Coordinator</td>
<td>(516) 876-3179</td>
<td>Campus Center, Rm. I-211</td>
</tr>
<tr>
<td>Office of the Assistant to The President for Administration</td>
<td>(516) 876-3179</td>
<td>Campus Center, Rm. I-211</td>
</tr>
</tbody>
</table>

Mailing Address: State University of New York College at Old Westbury, P.O. Box 210, Old Westbury, New York 11568-0210.

Federal and State Regulations

The Rules and Regulations for Maintenance of Public Order
The Rules and Regulations for Maintenance of Public Order of State Operated Institutions of the State University of New York were adopted by the SUNY Board of Trustees in compliance with the Educational Law of the State. These rules are applicable to all institutions of the State University system and take precedence over any local codes adopted by the individual colleges and universities in the SUNY system. These rules can be found in their entirety at www.oldwestbury.edu.

Education Law

224 a. Students unable because of religious beliefs to attend classes on certain days.

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that s/he is unable, because of religious beliefs, to attend classes or to participate in any examination, study or work requirements on a particular day or days.

2. Any student in an institution of higher education who is unable, because of religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.

3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school because of religious beliefs, an equivalent opportunity to make up any examinations, study or work requirements which s/he may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.

4. If classes, examinations, study or work requirements are held on Friday after four o’clock post meridian or on Saturday, similar or makeup classes, examinations, study or work requirements shall be made available on other days, where it is possible and practical to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements held on other days.

5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of her/his availing herself/himself of the provisions of this section.

6. Any student who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section shall be entitled to maintain an action or proceeding in the supreme court of the county in which such institution of higher education is located for the enforcement of her/his rights under this section.

Facilities Access for Persons with Disabilities
In accordance with federal and state laws, the College is continually modifying its facilities to provide access for disabled persons. To appropriately serve handicapped persons in areas as yet unmodified, College policy is to “reach out” with services and staff in an effort
to accommodate specific needs. Students needing special services are encouraged to contact the Coordinator of Services for Students with Disabilities, Academic Village, Room D-112 at (516) 876-3009 (also see section on Services for Students with Disabilities under Academic Support Services).

Family Educational Rights and Privacy Act of 1974

Access to Student Records

The College's policy follows the spirit and letter of all federal and state laws concerning access to student records. Within certain statutory limitations, students, upon reasonable notice, may review their "education records" containing information directly related to themselves. Students will be afforded an opportunity to challenge the accuracy of factual information in their records.

In the event a student challenges a record, the student will be offered a hearing by a College official who has no personal involvement in the matter challenged and shall receive a decision in writing within a reasonable time (not more than 45 days) after the conclusion of the hearing. Should the student fail to appear at the hearing or request an adjourned hearing date prior to the date set for the hearing, a decision shall be issued on the facts available.

Students wishing to inspect their records shall direct their requests to the office concerned with those records. Information concerning a student, other than "directory information," will not be shared with any individual without written approval of the student, with the following exceptions:

- The College will cooperate with all legal authorities in every way appropriate, in accordance with all federal and state laws. The office receiving a request for such cooperation shall immediately seek approval for the release of the requested information from the Records Access Officer.

- Student records may circulate within the College for disclosure to those with an appropriate educational interest. This permits the sharing of student records with the College administration for purposes of academic programming, fiscal planning and related matters.

Although the following are part of the educational record, students do not have access to:

- Letters or statements of recommendation submitted in confidence for school records prior to January 1, 1975, provided these records are not used by the school for other than the original intended purpose.

- Financial records of the parents of the students or any information directly related to the parents’ financial status.

Problems or issues concerning access to students’ records, should be directed to the Registrar, Campus Center, Room I-102. The Family Educational Rights and Privacy Act is available for review on the WEB at www.ed.gov/policy/gen/guid/fpco/ferpa/index.html.

Public Health Law

Public Health Law (Article 21, Title VI, Section 2165) requires measles, mumps and rubella immunity for students attending colleges and universities in New York State. All registered students must address meningitis by declination or proof of vaccination within the past ten (10) years.

Students born on or after January 1, 1957, who plan to register for at least six semester hours will be required to provide proof of immunity against measles, mumps and rubella in accordance with standards approved by the New York State Department of Health.* Limited exceptions are granted for students who hold “genuine and sincere religious beliefs” that are contrary to immunization, and for students for whom immunization would be physically detrimental or otherwise medically contra-indicated. Although students enrolled for fewer than six semester hours are exempt from these requirements, immunization is strongly encouraged by public health officials.

When the college is required to exclude a student from campus either because of noncompliance with the stated immunity requirements (or in the case of an epidemic when medically and religiously exempt students will be similarly excluded), the College will not be responsible for any effect on the excluded student’s academic progress, and the student will incur tuition and, if applicable, room and board liability as stated in the SUNY Guidelines. Copies of the College’s immunization policy and procedures are available in the Student Health Service, Roosevelt Hall, Academic Village.

*New York State Standards: Proof of immunity to measles will be defined as two doses of measles vaccine on or after the first birthday and at least 28 days apart (preferably three months), physician-documented history of disease, or serologic evidence of immunity. Proof of rubella immunity is documented by one dose of rubella vaccine on or after the first birthday or serologic evidence of immunity. Proof of mumps immunity is documented by one dose of mumps vaccine on or after the first birthday, a physician-documented history of disease, or serologic evidence of immunity.

Records of immunizations should include the date the vaccine was administered, type, manufacturer and lot number of vaccine and signature of persons administering the vaccine stamped with their address and title.

1 "Directory information" includes information relating to a student’s name, address, e-mail address, date and place of birth, major field of study, dates of attendance, honors designation and earned degrees. The parent of a dependent student or an eligible student who wishes to restrict access to "directory information" with respect to that student must inform the Office of the Registrar in writing, within 15 days after the start of each semester.
Degree Requirements

To qualify for a bachelor’s degree, students must:

1. Complete General Education requirements, through which students demonstrate, among other competencies, mastery of American English language skills;
2. Demonstrate mastery of computational skills;
3. Meet residency requirements;
4. Complete 45 credits in courses at or above the 3000 level;
5. Complete a minimum of 120 credits with a cumulative grade-point average (GPA) of 2.0;
6. Fulfill their major department’s course, credit and GPA requirements. (Some departments require more than 120 credits and a higher GPA in the major.)

These requirements are described in the sections below.

Mastery of American English Language Skills

Recognizing the critical role of American English language skills in an undergraduate education, SUNY Old Westbury has placed its English language requirement at the center of its General Education Program requirements. All students must demonstrate proficiency in English composition in order to graduate from the College. Students should consult the General Education Program section of this catalog for detailed information regarding these requirements.

In order to register for most upper-division courses, all students must demonstrate mastery of American English language skills by completing two college-level English Composition courses (EC I and EC II or their transfer equivalents) with grades of C or better.

Placement Levels

To determine the level of American English language mastery, the College requires incoming students (excluding associate degree holders and transfers with more than 57 credits) to take the College Placement Examination (CPE).

Placements on the CPE are used to advise and register students into appropriate courses of study that will help them attain the required level of mastery. This examination is not an admissions test; students are admitted before taking this examination. Designated levels are:

English for Speakers of Other Languages (ESOL)
A placement of ESOL (Banner test scores of 03, 05, or 07) requires the student to enroll in an English for Speakers of Other Languages course of study, especially designed to help the student acquire American English language skills.

Basic English (BE II)
A placement of BE II (Banner test score of 15) requires the student to register for EL0210 along with other courses appropriate for that level.

English Composition I (EC I)
A placement of English Composition I (EC I) (Banner test score of 20) requires the student to register for EL1000.

English Composition II (EC II)
A placement of English Composition II (EC II) (Banner test score of 25) requires the student to register for an EL2200-level course.

English Mastery Satisfied (EMS)
A placement of English Mastery Satisfied (EMS) (Banner test score of 50) means that the student has satisfied the American English language requirement.

Prerequisites on Departmental Course Descriptions
A prerequisite of EMS in a departmental course description means that American English language skills must be mastered before the student may register for that course.

Prerequisites of EC I and EC II mean that students must have reached these levels before registering for that course.
Mastery of Computational Skills
As one of the College’s degree requirements, students must demonstrate proficiency in mathematics. Students are strongly urged to fulfill this requirement before they reach junior status. The mathematics requirement is satisfied by one of the following:

- Placement at proficiency level on the mathematics part of the College Placement Exam (CPE) (Banner test score of 50).
- Completion of MA1020 with a grade of C- or better.
- Completion of a mathematics course at the 2000 level or above, with a grade of C- or better.
- Completion of a college level course equivalent to one of the above with a grade of C- or better.

Students who have fulfilled one of the conditions listed above have demonstrated proficiency in mathematics.

Placement Levels
To determine the level of mastery in mathematics, the College administers a test of mathematical skills (CPE) to all new students after they are admitted but prior to their first enrollment. The results of this examination indicate students’ math mastery levels.

Academic Policies and Standards
To be eligible for graduation, all candidates must satisfy all College and departmental requirements for the specific degree. Students must complete a minimum of 120 credits of satisfactory work. Some departmental requirements exceed this number. Forty-five of these credits must be earned in course work above the survey and the introductory levels (at or above the 3000 level). To fulfill graduation requirements, students must have at least a 2.0 cumulative grade point average (GPA) for all work completed at the College.

Residency Requirement
To earn a degree from SUNY College at Old Westbury, students are required to fulfill the residency requirement. This requirement can be fulfilled by completing one of the following:

1. A student must earn a minimum of 48 credits at Old Westbury and attend Old Westbury for at least 3 academic semesters (spring or fall) on a full-time or part-time basis;
   OR
2. A student must earn a minimum of 48 credits at Old Westbury and attend Old Westbury for at least 2 academic semesters (spring or fall) and complete a minimum of 12 of the required 48 credits during summer sessions at Old Westbury.

Requests for exception to the residency requirement may be submitted to the Academic Policy Committee. Students who choose the second option to fulfill their residency requirement will, under no circumstances, be permitted a waiver of the 48-credit requirement.

Students must verify their fulfillment of all the above requirements with the exception of those credits for which they are currently enrolled, at least one semester prior to graduation. The Registrar bears responsibility for verifying the student’s fulfillment of the quantitative requirements. The department from which the student expects to be graduated reserves the right to determine that qualitative requirements have been met.

*56 credits required in Accounting; Finance; Business and Management; and Marketing.

General Departmental Requirements
All students must fulfill the degree requirements within a specific department. Students may, with departmental approval, fulfill degree requirements in two departments. The student will receive a single degree that properly identifies the major areas of study (see Dual Major). Students receive a Bachelor of Arts (B.A.), a Bachelor of Science (B.S.) or a Bachelor of Professional Studies (B.P.S.) degree based on the primary major.

At least 24 credits within the major must be completed in courses beyond the introductory or survey level (3000 level or higher).

All programs leading to the B.A. degree require at least 90 credits in the liberal arts, including a sequence of courses normally consisting of 30-36 credits in a major field or area from one of the traditional liberal disciplines. Normally, not more than 40 credits in any major may be applied toward a bachelor of arts degree.

All programs leading to the B.S. degree require at least 60 credits in liberal arts and include a sequence of courses normally consisting of 30-36 credits in a major field or area of study. Generally, not more than 54 credits in any major may be applied toward a bachelor of science degree.

Programs leading to the B.P.S. degree require at least 30 credits in liberal arts.
Fields of study traditionally associated with the liberal arts include humanities, mathematics, natural and physical sciences, social sciences and the arts. Programs designed to prepare persons for specific occupations or professions are not liberal arts. These include business and education.

The New York State Department of Education has granted approval to SUNY College at Old Westbury to offer the following degree programs. **Enrollment in other than registered or otherwise approved programs may jeopardize student eligibility for certain student aid awards.**

<table>
<thead>
<tr>
<th>Registered Degree Title</th>
<th>Degree</th>
<th>HEGIS Number</th>
<th>Curriculum Code</th>
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<tr>
<td>Accounting B.S.</td>
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<td>Visual Arts: Electronic Media B.S.</td>
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<tr>
<td>Spanish Certificate</td>
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**Degree offered by:**

1School of Business
2Sociology Department
3Biological Sciences Department
4American Studies Department
5History and Philosophy Department
6Politics, Economics and Law Department
7Mathematics, Computer and Information Science Department
8Modern Languages Department
General Education Program

The Old Westbury General Education Program is structured as follows:

- Math Proficiency
- Basic Communication
- Creativity and the Arts
- Western Tradition
- The American Experience
- Major Cultures
- Foreign Languages
- Natural Sciences and Mathematics

This program fulfills the General Education knowledge areas, including Humanities and Social Science, and the critical thinking and information management competencies as mandated by the SUNY Provost. Please refer to the College at Old Westbury General Education Bulletin for specific course and credit requirements.

First Year Program

The goal of the First-Year Program is to promote student academic success and engagement in the Old Westbury campus community. Beginning in the fall of 2007, the First-Year Experience Program was expanded and restructured to include a common first semester seminar, The Ethics of Engagement: Educating Leaders for a Just World (FY1000, 4 credits) and a required course-embedded community engagement experience (CE General Education Course, 4 credits linked to CE2000, 2 credits).

The First-Year curriculum, required of all students who enter with fewer than 24 college credits, introduces students to the ethical, civic and academic ideals that define an Old Westbury education, creating a common intellectual foundation for students and fostering their active engagement in the College's richly diverse learning community. It promotes academic success by helping students to become intentional learners and develop the intellectual and social skills required to tackle the challenges of college learning and campus living--critical thinking, problem-solving, intellectual analysis, time-management, teamwork, financial literacy and self-reflection.

In their first semester, students enroll in a common 4 credit first-year seminar, The Ethics of Engagement: Educating Leaders for a Just World (FY1000) that emphasizes the themes of self-discovery, the meaning of a liberal education, the relationship of the individual to society and the nature of values and of personal and social responsibility.

In their second semester, all first-year students participate in Old Westbury's mandated Community Engagement Program, which integrates traditional academic study and course-embedded community-based learning and action. The Community Engagement Program is rooted in the College's historic social justice mission, challenging students to confront the big questions facing the world today by participating in and reflecting upon civic engagement activities. Students enroll in a CE General Education course of their choice (4 credits), linked to CE2000: Community Engagement Field Placement (2 credits). Students in CE 2000 are assigned to work in a college or community internship for 4 hours a week (approximately 50 hours a semester) that relates to the particular course content of the CE General Education course in which they are enrolled.

Academic Advisers assist all first-year students and guide them in selecting appropriate courses. Students must satisfy any prerequisites before registering for courses.

Academic Advisement for First Time To College Students

The Academic Advising Center staff provides the following services:

- Administer the College's placement examinations in English and mathematics.
- Advise students in the selection of their courses.
- Explain General Education requirements to students.
- Complete the General Education Advising Form for students and forward copies to students’ academic departments.
- Help students choose a major.
- Provide information on academic policies and procedures.
- Monitor the progress of students on academic jeopardy and/or probation.
- Advise students on time-management and study skills.

The Center is located in the Academic Village, Room A-201 (516) 876-3044.

Registration

Registration, which is a prerequisite to class attendance, takes place before each semester begins. Registration instructions are posted on the campus website and published in the semester class schedule. A student may register on the web, and must pay tuition and fees or make appropriate arrangements with the Bursar, to be considered officially registered.

Physical presence in class does not constitute registration in a course even when work is completed. Students who have not registered officially will not receive any credit for the course work. (Auditors in a course cannot receive retroactive credit.) All changes in students’ course schedules must be made before the end of the add/drop period (the first week of the semester), as published in the College calendar.
Courses published in the semester class schedule may be cancelled for budgetary, curricular or enrollment reasons. In such cases, an effort will be made to adjust a student's registration to minimize adverse effects.

**Course Prerequisites**

Students should meet the prerequisites to a course before taking the course. Prerequisites indicate through specific coursework the type of knowledge, the level of academic maturity, or the acceptance to a specific program that a student should have achieved before taking a course. Completion of the prerequisites may be in progress at the time the student advance registers for the following semester. The course instructor has the option to instruct any student not meeting the prerequisites to a course to drop the course by the end of the first week of classes. In addition, some courses enforce prerequisites at the time of registration. Students who believe they have satisfied the prerequisite to a course through transfer work or through other study or experience should seek permission of the instructor before registering. Permission of the instructor supersedes stated prerequisites. Certain courses may be taken only with the permission of the instructor or of the department; this is listed as a course comment.

**Categories of Students**

**Matriculated Student**

A matriculated student is one who has been admitted to the college through the Office of Enrollment Services, and is working toward the completion of a degree. A matriculated student may enroll full-time (a minimum of 12 credit hours per semester), or part-time (fewer than 12 credit hours per semester).

**Continuing**

Students who have continued their registration directly from the immediately preceding fall or spring semester. (Summer registration is not applicable.)

**Returning**

Students who are registering after a break of one or more semesters including students who have graduated from SUNY Old Westbury or who have been away several years.

**New**

Students who have been admitted to SUNY Old Westbury, but have never registered.

**Lower Division**

Students with fewer than 57 credits, including transfer and SUNY Old Westbury credits.

**Upper Division**

Students with 57 or more credits, including transfer and SUNY Old Westbury credits.

**Note:** Transfer credit is awarded only after official transcripts have been received and recorded by the Office of the Registrar.

**Transfer Credit**

**Articulation Agreements**

The College has established, with regional two-year colleges, cooperative articulation agreements that specify procedures designed to encourage and facilitate transfers from these colleges into the upper-division of academic programs at the College at Old Westbury. Old Westbury has articulation agreements with several two-year colleges. These agreements list degree programs at two-year colleges that are parallel to Old Westbury’s degree programs. Associate degree holders admitted into the parallel program are granted full credit for courses completed at the two-year college and are given junior standing. Generally, these students will be able to complete the bachelor’s degree in four semesters of full-time study.

**Joint Agreements**

Special Joint Admissions Agreements are in place with the State University College at Farmingdale, Nassau Community College and Suffolk County Community College (see Joint Admissions section under Admissions). There may be special arrangements and/or regulations governing these programs and other specific joint programs. For specific requirements and regulations, students are advised to consult an Admissions Counselor in the Office of Enrollment Services, Campus Center I-202 and the chairperson of the major department they expect to enter.

**Policies and Procedures Regarding Transfer Credits**

Credits appearing on the transcript of another accredited college that were taken at that college are evaluated by the Registrar for...
transfer to Old Westbury. Transfer credit for courses taken at institutions that operate on a quarter system is limited to computed equivalence in semester hours. **A maximum of 72 transfer credits will be awarded.**

Official transcripts for courses taken prior to the student’s first semester at the College must be submitted to the Office of Enrollment Services as part of the admissions procedure. A preliminary evaluation of transfer credit can be made on the basis of a student copy of a transcript. However, official transfer of credit will be made only upon receipt of an official transcript. Transfer students should ensure that official transcripts of prior work are filed in the Office of the Registrar prior to initial registration, but no later than the start of classes.

Students will receive credit for courses taken as part of an AA, AS or AAS degree, if the courses were taken at the institution granting the AA, AS or AAS degree. Credits from an AOS or other associates degree programs are evaluated and accepted selectively. Acceptance of any credit does not imply that major or College requirements have been satisfied. Therefore, in order to graduate, students may be required to complete more than the stated minimum number of credits necessary for a particular degree program.

Transfer credit will not be awarded for courses in which a grade of D+ or below was earned, except if the courses are part of and taken at the institution granting the AA, AS or AAS degree.

Normally, courses taken at unaccredited institutions are not transferable to the College. A student may petition the Academic Policy Committee for an exception to this rule; in certain documented instances, the petition may be granted. Courses given credit under this provision may not be used to satisfy the requirements of a particular degree without the permission of the appropriate department chair.

Students who have successfully completed a three-year hospital school of nursing program that is not part of a bachelor’s degree program may be granted a total of 32 credits for such study. These credits will be included as part of the 72-credit maximum which can be awarded for transfer credit.

Courses for which transfer credits have been accepted may not be repeated for credit at Old Westbury.

### Other Conditions of Transfer

The College’s policies governing transfer credits stipulate that all transfer students:

1. Earn a minimum of 48 credit hours at Old Westbury, and may transfer a maximum of 72 credits;
2. Fulfill the College’s requirement that all candidates for graduation demonstrate mastery of computational and American English language skills and must meet the College’s General Education requirements;
3. Take a minimum of 24 credit hours in courses in the major at the 3000, 4000 or 5000-level. Specific majors may require more than the minimum 24 credits;
4. Complete 45 credits in courses at the 3000, 4000 or 5000-level toward overall degree requirements;
5. Fulfill the College’s residency requirement. (see page 37).

### Credit by Examination

A maximum of 30 credits can be awarded based upon standardized external examinations such as Advanced Placement (AP), College Level Examination Program (CLEP), the New York State College Proficiency Examination program (CPE) and the United States Armed Forces Institute program (USAFI).

Credit will be awarded for a score of 3, 4 or 5 on any Advanced Placement Examination. Credit will be awarded for scores equivalent to grades of “C” or better on CLEP examinations. Specific information may be obtained at the Office of the Registrar.

Credit by examination cannot be used to fulfill the College’s residency requirement. Since each academic department has its own policy for accepting credit by examination in fulfillment of departmental requirements, students should consult with the chair for further information.

Courses that are equivalent to transfer credit that has been granted as a result of external examinations may not be repeated for credit at Old Westbury. Students may not apply for life experience credit for the same courses in which they have been granted credit by examination. (see APEL section which follows).

### Academic Credit for Military Training

Eight credits will be awarded for a minimum of two years of active duty in any branch of military service. However, such credits normally do not satisfy College-wide or departmental requirements. To be granted such credit, the student must submit a copy of the DD214 (Discharge) to the Registrar. (No automatic credit is given for active duty of less than two years.)

Credits awarded for military service are considered part of the 32 credits allowed under the Accreditation Program for Experiential Learning (APEL) policy. Hence, students may apply for a maximum of 24 additional APEL credits, on grounds other than military service.

Veterans may also apply for credit based on specific formal courses of instruction given by the military services. The Registrar evaluates such applications on the basis of the recommendations in *A Guide to the Evaluation of Educational Experiences in the Armed Services*, published by the American Council on Education.
Accreditation Program for Experiential Learning (APEL)

Numerous options are available to achieve learning that is equivalent to college-level learning. These include knowledge and skills acquired through experiences that can substitute for some of the formal learning that a college requires of its graduates. The goal of APEL is to assess this learning and to translate some or all of its value into conventional college-level academic credit. The learning presented for credit need not be related to the student’s academic major. It must, however, be within the academic subdivisions of knowledge and training available in institutions of higher education in the United States.

The College at Old Westbury can award credits for experiential learning. APEL credits can satisfy general requirements for the B.A., B.S. or B.P.S. degree but normally do not count toward the fulfillment of specific departmental requirements. Students should understand that while APEL credits count toward the degree, the credits do not fulfill residency requirements (48 credits must be earned at the College at Old Westbury). Grades are not given for credits awarded through APEL. Such credits are classified as transfer credits and are included in the 72-credit maximum associated with acceptance of transfer credit.

Any registered SUNY Old Westbury student who has earned 31 credits at the College or any other accredited college may apply for APEL by submitting a portfolio with two copies to the APEL Committee Chair. It is strongly suggested that the portfolio be submitted prior to the final semester in which the student will be enrolled at the College. The student must prepare the portfolio according to the guidelines specified by the faculty APEL Committee. Information concerning these guidelines may be obtained from the Academic Advising Center. Students must be enrolled at the College when the APEL portfolio is submitted.

### Deadlines for submission of portfolios are as follows:
- for the fall semester - October 1
- for the spring semester - March 1

**Declaration of Major**

Students are encouraged to declare a major as early as possible and must complete the process before they have earned 42 credits (including transfer credits). Noting a particular department major on the Admissions Application constitutes an official declaration of major or acceptance into that department, with the exception of the School of Business and Criminology which have specific admissions requirements and criteria for continuing as a major.

Forms for declaration of major or change of major are available in the Office of the Registrar, where students must file completed forms. **Failure to declare a major by the time students have earned 42 credits will result in loss of eligibility for state financial aid (TAP).**

Once a student has declared a major, the Registrar will notify the appropriate academic department. In preparation for academic advising, students should furnish to their academic department, transcripts from all previous colleges attended. Questions concerning departmental requirements and standards should be directed to the chairperson of that department.

**Dual Major**

A student who officially declares and completes the requirements for two majors (a dual major) will receive one baccalaureate degree upon graduation. The primary major/degree (B.A., B.S., B.P.S.) will determine the actual degree awarded. The College does not officially recognize triple majors. Students who wish to complete two majors must obtain the approval of the two departments involved. There must be a significant difference between the two majors. Certain combinations of majors are not permitted. Students must submit to the Office of the Registrar a Declaration/Change of Major form to add a second major.

**Academic Workload**

A student achieves full-time status with a course load of 12 or more credits. The normal maximum full-time load is 18 credits. A student wishing to register for more than 18 credits must have approval on a Petition for Course Overload Form signed by an advisor and the chair of the department in which the student has declared a major. Overloads will be granted only to students who have fulfilled the American English proficiency requirement and whose academic record suggests that they are capable of handling additional work. Overloads above 20 credits must be approved by the Dean of the School which houses the student’s major department, in addition to the advisor and chair. Students on probation are not eligible to take a course overload under any circumstances. Petition for Course Overload Forms may be obtained at the Office of the Registrar.

**Academic Class Level**

The following designations specify a student’s academic class level:

<table>
<thead>
<tr>
<th>Upper Division:</th>
<th>Seniors</th>
<th>88 or more credits</th>
<th>Lower Division:</th>
<th>Sophomores</th>
<th>32-56 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Juniors</td>
<td>57-87 credits</td>
<td></td>
<td>Freshmen</td>
<td>0-31 credits</td>
</tr>
</tbody>
</table>

**Note:** Senior standing does not necessarily imply eligibility for graduation. Eligibility for graduation depends on the fulfillment of all College and departmental requirements as determined by the Registrar and the department from which the student expects to be graduated.

Determination of class level is based on the Registrar’s evaluation of official transcripts available in that office. Changes in academic class level occur only as students complete courses at Old Westbury, or when the Office of the Registrar receives and evaluates official transcripts from other colleges or universities.
Academic Course Level

The academic course level coding at the College is as follows:

<table>
<thead>
<tr>
<th>Upper Division</th>
<th>Lower Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>1000</td>
</tr>
<tr>
<td>4000</td>
<td>2000</td>
</tr>
<tr>
<td>5000</td>
<td></td>
</tr>
</tbody>
</table>

The term, "courses above the introductory and survey level," refers to 3000, 4000 and 5000-level courses.

Course Coding

The College's course coding system, used to identify courses, consists of a department indicator, numerical level and a section indicator.

The discipline indicator identifies the program offering the course:

- AS: American Studies
- BS: Biological Sciences
- BU: School of Business
- CE: Community Engagement
- CP: Chemistry and Physics
- CR: Criminology
- CS: Computer Science
- ED: School of Education
- EL: English
- FY: First-Year Experience
- HI: History and Philosophy
- HS: Health and Society
- IR: Industrial and Labor Relations
- MA: Mathematics
- ML: Modern Languages
- MD: Music and Dance
- PE: Politics, Economics & Law
- PF: Psychology
- SY: Sociology
- VA: Visual Arts
- WS: Women's Studies

The four-digit number following the discipline indicator provides information about the course. The first digit represents the level of instruction:

- 0000 - Non-credit
- 1000 - Introductory-general
- 2000 - Introductory-major
- 3000 - Intermediate-major
- 4000 - Advanced-major
- 5000 - Senior level

Independent Study

All independent study must be undertaken under the guidance of a faculty member, based in an academic department, and be related to the student's course of study. Agreement to supervise independent study is the prerogative of the faculty member and must follow the guidelines of the individual department. A student should understand that undertaking an independent study is a rigorous intellectual exercise which requires more self-discipline than the ordinary course.

Credit may be earned through independent projects and research, field study, and independent course work and readings. It is expected that each of these will involve regular meetings with the faculty mentor and will require specific work assignments, readings, writing assignments and a final paper or other end-of-term project.

In order to be eligible for independent study, a student must have earned at least 30 credits, be proficient in reading and writing, and be in good academic standing. In addition, the student's prior academic record must indicate that the student is capable of independent work.

In addition to registering for an independent study, a student must file an Independent Study Contract. The contract must be filed with the Office of the Registrar at the time of registration. A student is limited to enrolling in a maximum of two independent study courses during any one semester. A maximum of 16 independent study credits may be applied to degree requirements.

A student must consult with his/her advisor before pursuing any form of independent study, and should note that individual departments may set more rigorous criteria toward completing departmental requirements.

Grading System

The grading system used on transcripts provides for 16 letter grades consisting of A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, CR (credit), NC (no credit), I (incomplete), W (withdrawal) and NR (not reported). All students whose names remain on the official class roster, prepared at the end of the add/drop period, are assigned one of the above grades.

All grades except CR, NC, I, W and NR are calculated in the student's GPA. However, in cases where students repeat a course, the newest grade replaces the old one(s) in the GPA calculation. All grades, however, will remain on the transcript. **While students must pay for every course they take, financial aid will not pay for repeated courses unless the department/program requires a minimum grade for graduation and the previous grade was below the requirement. Courses not required to be repeated by the department will not count toward credit load for purposes of financial aid eligibility. (This information does not apply to courses that departments designate as repeatable for credit.)**
The number of credits assigned to a course cannot be changed unless the course is one in which students may earn variable credit (e.g., independent study). Credit cannot be awarded twice for the same course, unless the course is one that may be repeated for credit (e.g., certain internships, directed research, etc).

**Credit/No Credit**

A student may elect a credit/no credit option with the permission of the instructor. The student’s request must be filed in the Office of the Registrar before the end of the third week of the semester. After the third week, this contract cannot be approved or cancelled. Courses taken for a grade of CR or NC do not affect the GPA. Specific restrictions on the credit/no credit option vary by department major. Students should consult with an academic advisor in his/her major program.

**Incomplete**

A grade of Incomplete (I) may be assigned by the instructor when:

- extenuating circumstances, such as accident or illness, make it impossible for the student to complete the course work by the end of the semester;
- the student has completed most of the course work at a passing level;
- the instructor expects that the student will be able to complete the remainder of the course requirements by the end of the following semester.

A grade of I remains in effect for one semester. A student must make appropriate arrangements with his/her instructor to complete the course requirements. The instructor will inform the student concerning the specific scope and nature of the work that must be completed. To certify fulfillment of course requirements, the instructor is expected to submit a letter grade by the end of the following semester. If the instructor does not submit a grade, the Registrar will automatically assign a grade of F unless the instructor submits a written request to the Registrar for an extension, or the student has filed an application for CR/NC, in which case a grade of NC would be assigned. Students who are completing an incomplete should not re-register for that course in the semester that they are completing the incomplete.

**Withdrawal**

W, signifying withdrawal, may not be assigned as a final grade. After the end of the add/drop period and up to the seventh week of classes, a student may withdraw from one or more courses by filing an official withdrawal form in the Office of the Registrar. The Registrar will then record a W on the student’s transcript.

Please Note: Nonattendance in classes does not constitute withdrawal.

In extraordinary circumstances, the Registrar will record a W on a student’s transcript after the seventh week of the semester, but prior to two weeks before the final day of classes, if the instructor has approved the withdrawal and the student has filed the necessary form with the Registrar.

Any student who has not withdrawn officially from a course will remain on the final grade roster and will be assigned a final grade of F from the instructor or NC if the student has filed the appropriate CR/NC contract. Withdrawals may affect a student’s subsequent eligibility for financial aid awards.

See the section on Financial Aid in this catalog for a description of the effect of W grades on continued eligibility for student financial aid. A grade of W does not affect the GPA.

**Not Reported Grades**

Courses for which the instructor did not report a grade are assigned the designation “NR.” “NR” designations remain in effect for one semester. If the instructor does not submit a grade within one semester, the Registrar will automatically assign a grade of “F,” unless the student has filed an application for “CR/NC,” in which case a grade of “NC” would be assigned.

**Other Information on Grades**

Grades submitted at the end of the semester are considered final and may only be changed in the case of instructor error or as the result of an Academic Grievance Committee decision. Faculty must submit grade change petitions to their academic dean on the official grade change form, which includes a detailed justification. Under no circumstances may a grade be changed after the degree has been awarded.

A student whose name appears on the class roster compiled at the end of the add/drop period, continues his or her registered status until the end of the semester, unless that student has officially withdrawn from the class. Consequently, liability for billing and eligibility for financial aid, as well as liability for probation, suspension or dismissal continues to apply to all students on this roster, unless the student has officially withdrawn at the Office of the Registrar.
Grade-Point Average (GPA)
Effective fall 1996, each letter grade carries the following quality points:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.70</td>
</tr>
<tr>
<td>B+</td>
<td>3.30</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.70</td>
</tr>
<tr>
<td>C+</td>
<td>2.30</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.70</td>
</tr>
<tr>
<td>D+</td>
<td>1.30</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.70</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Two calculations of grade point averages appear on the student's transcript: a semester grade point average and a cumulative grade point average. No quality points are assigned to CR, NC, I or W.

Courses taken prior to 1984 are not included in the calculation of the GPA on the transcript but are manually calculated by the department of major in determining a student's graduation status.

Mid-Term Grades
At the mid-point of a semester, progress grades are assigned to officially enrolled students. These grades are not reported on the student's transcript and are not calculated in the student's GPA.

Authorized mid-term grades are as follows:
- **S**: Satisfactory (grade of C or higher)
- **U**: Unsatisfactory (grade of C-, D+, D, or D-)
- **F**: Failing

Dean's List
Any full time student who completes 12 credits or any part time student who completes 8 credits in courses which are graded using the normal grading system (A through F), and achieves at least a 3.50 grade point average will be included on the Dean's List.

Auditing
Auditing is defined as attending a course for informational instruction only. No credit is granted for such work, nor does the College keep any record of the student's participation in the audited course.

A student who wishes to audit a course must first obtain the instructor's permission.

Transcripts
A transcript of a student's academic work may be obtained upon payment of $5.00. The fee for every copy requested must be paid at the Bursar's Office before the Office of the Registrar will prepare the transcript copy. The fee is charged for both official and student copies. Official copies are mailed directly to other institutions of higher education, government agencies or employers. The transcript is always sent in its entirety; it is not possible to prepare edited transcripts.

Academic Standing
All students are expected to maintain good academic standing at the College. Academic standing is determined by the student's semester and cumulative grade point averages.

Minimum Grade-Point Average (GPA) Requirements
Students must maintain minimum semester and cumulative grade point averages of at least 2.00 to remain in good academic standing. Students who fail to obtain a minimum semester grade point average of 2.00 in any particular semester (including summer and minise-semester) will automatically be placed on academic probation, which is a warning that their good academic standing is in jeopardy. Students who are on probation twice in succession and have attempted at least 32 credits are subject to suspension or dismissal (described below) at the point at which their **cumulative** GPA falls below 2.00.

<table>
<thead>
<tr>
<th>Probation:</th>
<th>Minimum semester GPA less than 2.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>-OR-</td>
<td>Minimum Cumulative GPA less than 2.00</td>
</tr>
</tbody>
</table>

Criteria for Academic Probation, Suspension, Dismissal
**Academic Probation** applies automatically to students who fail for the first time to meet minimum GPA requirements in a given semester. The student is placed on probation for the subsequent semester. The student must achieve a semester and cumulative GPA of at least 2.00 in order to be removed from probation. A student on probation is ineligible to participate on College committees or in intercollegiate athletics. Academic probation, including any accompanying constraints upon a student's activities, is intended as a support measure designed to encourage students to focus on their studies in order that they may satisfy academic standards.
**Academic Suspension** applies only to students who have attempted a minimum of 32 credits. Students are automatically suspended from the College if already on probation and they fail to meet the minimum semester and cumulative GPA requirements. The suspended student may not re-register until one semester has elapsed.

**Academic Dismissal** applies automatically to those students who were previously suspended, have returned, and again fail to meet the minimum semester and cumulative GPA requirements. These students may not apply for reinstatement until two semesters have elapsed from the semester of their last registration at the College.

It should be noted that individual degree programs may require a higher GPA for courses in the major (see the sections on each academic program included in the catalog). Students should consult with their advisors regarding specific program requirements.

**Reinstatement Methods**

Students who wish to be reinstated after suspension or dismissal and who have observed the time periods specified above should complete an *Application for Re-entry*, available at the Office of the Registrar. (Refer below to the section on *Reinstatement*.)

As an alternative to observing the time periods specified above, students may:

1. Appeal suspension or dismissal by contacting the Office of the Registrar to schedule an appointment for a hearing with the Academic Standing Committee. At the hearing students should provide documentation of their reasons for appeal. The decision of the committee is final.

2. Complete those courses for which incomplete (I) grade(s) had been recorded. When the grade change(s) for completed course(s) has/have been recorded by the Office of the Registrar, the student's GPA must meet minimum College guidelines for good academic standing for reinstatement to occur; failing that, the student continues on suspension or dismissal.

3. Speak to their instructor(s) to correct grades they believe have been miscalculated or erroneously recorded. If changes are warranted, the instructor will notify the Office of the Registrar. After changes have been recorded, the student's GPA must meet minimum College guidelines for good academic standing for reinstatement to occur; failing that, the student continues on suspension or dismissal.

**Reinstatement**

Students who have previously attended Old Westbury and wish to return after an absence of one or more semesters must file an *Application for Re-entry* at the Office of the Registrar at least one month prior to the beginning of the semester.

Students who left the College in good academic standing (2.00 or higher semester and cumulative GPA) will be routinely reinstated.

Students who were suspended and have been absent one semester will be routinely reinstated. Students who were dismissed from the College will be evaluated for reinstatement by the Academic Standing Committee. Dismissed students will be required to submit a completed *Application for Re-entry* (available at the Office of the Registrar), a written appeal for reinstatement, transcripts from any colleges attended in the interim and any relevant information which will assist the Academic Standing Committee in evaluating the student's application. In order to complete its evaluation, the Academic Standing Committee may request the student to personally appear before the committee.

Students who have been away from the College for five years or less will re-enter the College, subject to the requirements in the College catalog under which they were initially admitted. Students absent from the College for more than five years will be subject to all requirements in the College catalog that is in effect at the time of their reinstatement.

Students with outstanding financial obligations to the institution will not be reinstated until all obligations have been satisfied.

**Academic Integrity**

As is the policy of all SUNY institutions, students are expected to maintain the highest standards of honesty in their college work. Any act which attempts to misrepresent to an instructor or College official the academic work of the student or another student, or an act that is intended to alter any record of a student's academic performance by unauthorized means, constitutes academic dishonesty. Cheating, forgery and plagiarism are considered serious offenses and are subject to disciplinary action.

**Cheating**

Cheating is defined as giving or obtaining information by improper means in meeting any academic requirements. Examples of cheating, although not inclusive, include: unauthorized giving or receiving of information for an examination, paper, laboratory procedure, or computer assignment (file or printout); taking an examination for another student or allowing another student to take an examination for you; altering or attempting to alter a grade either on graded work or in an instructor's records or on any College form or record.

** Forgery**

Forgery is defined as the alteration of college forms, documents, records, or the signing of such forms or documents by someone other than the proper authority.
Plagiarism
Plagiarism is defined as the use of material from another author whether intentional or unintentional, without referencing or identifying the source of the material. If students have any questions as to what constitutes plagiarism, it is their responsibility to get clarification by consulting with the appropriate instructor.

Assessment of Penalties
It is the student's responsibility to read and understand the College's policy on academic dishonesty. Faculty members, in consultation with their department chair are responsible for making the initial determination of the academic penalty to be imposed in cases of cheating, plagiarism or forgery. Academic penalties may range from failure of a specific assignment or examination, or failure of the course, to suspension or dismissal. In cases where the faculty member and the chair of the department recommend suspension or dismissal from the college, the final decision will be determined by an Academic Grievance Committee (AGC) drawn from the Faculty Rights and Responsibilities Committee. The AGC decision is final.

Appeal/Procedures
A student may appeal a decision by a faculty member by requesting that his/her case be heard by an Academic Grievance Committee, whose decision is final.

ACADEMIC GRIEVANCE PROCEDURES

Introduction
The procedures below pertain to alleged violations or misapplication of college and/or course academic policies and do not apply to other areas with separate forms of redress, such as issues of sexual harassment, discrimination or discipline, which are addressed elsewhere. They are also directed at a student grievance alleging that he or she has been treated unfairly, in violation of established academic policy or practice. The procedures below reflect the college's commitment to a fair and prompt resolution of student academic grievances. This procedure begins with an informal process, but includes a formal process that centers on hearings and recommended resolution of the grievance in a way that maximizes the opportunity for a full and impartial solution. Request to waive or otherwise alter college academic policies shall continue to be the province of the Academic Policy Committee.

1. Jurisdiction
A grievance shall include, but not be restricted to, a complaint by a student:
   a. That college academic regulations and/or policies have been violated or misapplied to him or her;
   b. That he or she has been treated unfairly, based upon established college academic policies.

2. Time Limit
At informal level – no later than the end of the third week into the following semester. (A student receiving a grade as a result of satisfying the course requirements of a previously received “Incomplete” grade in the semester immediately following the semester in which the “Incomplete” was received has three weeks from notification of the grade change.)

At formal level – no later than the end of the fifth week into the following semester. (A student receiving a grade as a result of satisfying the course requirements of a previously received “Incomplete” grade in the semester immediately following the semester in which the “Incomplete” was received has five weeks from notification of the grade change.)

3. Grievance Resolution Process
The process includes the possibility of hearings at two levels: the department and the College/School. Individual departments or Schools may have more detailed procedures; inquiries should be directed to the appropriate chair or dean.

   a. At the department level, a student with a complaint should first attempt to resolve the complaint informally with the faculty or staff member involved. A student must initiate the process no later than the end of the third week into the following semester. The assistance of the chair of the department may be sought to resolve the dispute.

      The student who is not able to achieve resolution with the instructor may initiate a formal grievance or grade appeal process no later than the end of the fifth week into the following semester by preparing a written statement which includes:

          1. A statement of the case in detail;
          2. All information about the conference with the instructor;
          3. A statement of the reasons the student believes he or she is aggrieved or, in the case of a grade, why it should be reconsidered;
          4. All relevant supporting materials (including, but not limited to, syllabus(i), test(s), quiz(zes), paper(s), and any graded evaluation(s)), which should be identified and listed in an index.
The student shall submit complete copies of the written statement and attachments to the chair of the department and the faculty member identified in the grievance. The chair shall carefully review the statement, confer with the student and instructor, and attempt to reach a resolution of the dispute. The chair may ask members of the department to serve as a committee to review the materials and assist him or her in reaching a decision. The chair’s decision must be made in writing to the student and the instructor within ten academic days of the date of the request from the student.

In conformance with state regulations, the department shall maintain adequate documentation about each formal complaint and its disposition for a period of at least six years after final disposition of the complaint. If the department chair is the party against whom the grievance is brought, the student should initiate a review at the level which follows.

b. If the department chair’s decision does not resolve the matter to the student’s satisfaction, he or she may request a hearing at the College/School level by writing to the Executive Committee of the Faculty Senate/School Dean and forwarding the documentation to that office. This request must be made within twenty academic days of the filing, by the student, of the formal grievance to the department chair.

The Executive Committee/School Dean or designee shall convene a three-person Academic Grievance Committee (AGC) drawn from the Faculty Rights and Responsibilities Committee, within ten academic days, if a standing committee for such purposes does not already exist. The AGC shall include one faculty member from the department (or a related one) in which the instructor resides. If the Faculty Rights and Responsibilities Committee does not contain such a member, the Executive Committee/School Dean shall name such a person to the AGC. It shall meet and review the materials presented and solicit a response from the instructor for each count in the student’s case. The AGC’s decision must be made in writing to the student, the instructor, and the Executive Committee/School Dean within ten academic days of the establishment of the AGC. In the case of a grade appeal, the AGC will familiarize itself with the standards and objectives of the course and evaluative material presented. Its concerns shall be limited to consideration of the fair application of standards and objectives, and whether the standards and objectives were made known to the student in a reasonable manner. The difficulty of the standards shall not be an issue.

The burden of proof shall be on the student, who may be asked to appear before the AGC. In the case of a grade appeal, if the majority of the AGC feels no case can be made, the original grade will remain. If it finds that the standards and objectives were not reasonably known to the student or were unfairly applied, it may recommend a higher or lower grade and give its reasons for so recommending.

If the AGC determines that a different grade is appropriate, the Executive Committee/School Dean shall have ten academic days from receipt of the AGC’s decision to change the grade. A change of grade shall not be interpreted as an admission of unfairness in grading.

In the case of a grievance, if the majority of the AGC adjudges the grievance to be without foundation, the student’s appeal shall be denied. If, in the judgment of the AGC, there is a basis for the grievance, the written decision must include specific recommendations for redress.

The decision of the AGC is final.

In conformance with state regulations, the Executive Committee’s/School Dean’s office shall maintain adequate documentation about each formal complaint and its disposition for a period of at least six years after final disposition of the complaint.

4. Committees

Committee (AGC) members shall be drawn from the Faculty Rights and Responsibilities Committee, augmented, if need be, by a member from the department of the instructor involved (or a related one). In naming the AGC to hear a grievance, the Executive Committee/School Dean shall take care to insure that no member has an interest in the case being heard.

5. Confidentiality

Once the AGC has been convened to hear a complaint, principals and committee members shall have the obligation to maintain the confidentiality of the proceedings and of all materials presented to review proceedings.

Leave of Absence

Normally, a student requests a leave of absence when temporary activities, circumstances or conditions in the student’s life are likely to have a significant adverse affect on the student’s academic success. A student wishing to take a leave of absence should consult with his/her academic advisor.

A student may take a leave of absence from the College by applying at the Office of the Registrar. Taking a leave of absence does not exempt a student from financial obligations. A student who is approved for a leave of absence after the add/drop period will receive grades of W, signifying withdrawal, in all courses for that semester. A student who wishes to return following a leave of absence is not required to apply for readmission; however, the student must complete an Application for Re-Entry, available at the Office of the Registrar. (See Reinstatement Procedures.) A leave of absence does not guarantee subsequent renewal or continuation of financial aid.
Application for Graduation
To become a candidate for graduation and to participate in commencement, a student must file a graduation application with the Office of the Registrar. Names of candidates for whom applications are received after the deadline will not appear in the commencement program. The graduation application deadlines are typically early October for December candidates and early March for May and August candidates. The exact dates are listed in the college academic calendar and the semester Important Dates, Deadlines and General Information, which are posted on the campus WEB site.

Graduation Statistics
Of the students who entered the College in the fall of 1999 as full-time, first time freshmen, 25.9% graduated within five years, 31.0% graduated within six years, and 4.6% maintained enrollment status after six years. Of those full-time upper-division transfer students who entered in 1999, 63.5% graduated within four years.

Second Degrees
The College will award a second degree to students who have already received a bachelor’s degree either from the College at Old Westbury or from another institution. Department degree requirements and college residency requirements must be met. Of the minimum 48 credit hours that must be earned, a minimum of 30 must be taken in a field that is significantly different in academic content from the first baccalaureate degree. A “significant difference” normally will be interpreted as meaning “in a different discipline or subject matter area.”

*56 credits required in Accounting, Finance, Business and Management, and Marketing.

Veterans
Students expecting to receive Veterans Administration benefits must be certified by the Office of the Registrar after registration. To receive certification by the Registrar, the student must submit appropriate documentation, including:
• V.A. Certificate of Eligibility and
• Discharge papers, certified by the County Clerk
ACADEMIC SUPPORT SERVICES

Basic Education Program (BEP)

The BEP is designed to enable students to acquire and refine fundamental academic skills in reading, writing, and mathematics while developing the knowledge to complete college-level courses successfully.

Students who place at Basic English II on the CPE are required to enroll in the BEP sequence listed below. Students are required to complete courses in the liberal arts, mathematics, and orientation to campus life.

After completing the BEP sequence, students are eligible to enroll in the courses that will fulfill the College-wide degree requirements (listed under Academic Policies and Procedures in this catalog) as well as the specific requirements for a selected major.

<table>
<thead>
<tr>
<th>Basic Education II Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
</tr>
<tr>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>4</td>
</tr>
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<td>4</td>
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<td>4</td>
</tr>
</tbody>
</table>

* Equated credits are used for billing/financial aid purposes and for determining full-time or part-time enrollment status. They do not count toward the minimum 120 credits needed for graduation.

** Students who are proficient in Math may substitute a course that requires a BE II placement.

Educational Opportunity Program

The Educational Opportunity Program (EOP) is funded by the State of New York and implemented through the State University. The program's purpose is to provide a chance for students who are high school graduates or hold high school equivalency certificates to be admitted to college and receive support services. The program is especially designed for students who normally would not be admitted into institutions of higher education through the regular admissions process, but who, nevertheless, have potential for college in terms of motivation, ability, and discipline. The program admits students who meet the specific educational and financial eligibility requirements.

The EOP provides all students enrolled in the program with a variety of support services, including tutoring, personal counseling, academic advisement, career planning, financial aid, workshops on study skills and, for some students, a summer school preparatory experience.

All participants in the program are expected to meet the minimum academic standards of the College at Old Westbury.

To assist enrolled students in meeting their college costs, financial aid packages are provided on an individual basis. The financial aid package for each student is determined by the Office of Financial Aid based on need and financial background. Students enrolled in EOP must apply for both the Tuition Assistance Program (TAP) and Pell Grant funding, with the balance of the student's college costs met through EOP funds, work study, and/or loans.

To request admission into the EOP at Old Westbury, applicants must complete the standard State University of New York Application, checking the appropriate boxes on the forms to indicate a desire to be considered for EOP admission.

For additional information, refer to the Admissions and Financial Aid sections of the catalog. All inquiries should be directed to: Enrollment Services/EOP SUNY/College at Old Westbury, Old Westbury, New York 11568-0307; (516) 876-3073; TDD number for hearing impaired (516) 876-3083.

Services for Students with Disabilities:

Learning, Medical/Physical and Mental Health Disabilities

Some Old Westbury students live with learning, medical/physical disabilities and/or mental health issues. These issues can present unique challenges. The Americans with Disabilities Act (ADA, 1990) and Section 504 of the Rehabilitation Act of 1973 are the two pieces of legislation that ensure equal opportunities for college students with disabilities. The Office of Services for Students with Disabilities (OSSD) coordinates students' reasonable accommodations, which include, but are not limited to, extended time on examinations, assistive technology, and note takers. We focus on students' strengths and resources, and students' full participation in extracurricular activities.

Students who need to receive services must self-identify and provide appropriate documentation of their disability. Ideally, students will arrange an appointment before the start of their first semester. For additional information, please call Dr. Lisa Whitten, Director, OSSD at (516) 876-3009 (voice), (516) 876-3083 (TDD), (516) 876-3005 (fax) or whittenl@oldwestbury.edu. Our office is located in the Academic Village, Room D-112.
Student Computing

Student computing at Old Westbury presents a broad mix of resources. The College provides general access computing facilities, dedicated departmental labs, wireless access in most enclosed public spaces, high speed Internet access in our new dorms, and video conferencing. In addition, just over a third of our classrooms are equipped as presentation rooms with permanently mounted LCD projectors, Internet access and DVD/VHS players. General access labs are equipped with both black and white and color printers. All students are issued computer and e-mail accounts once they register. This includes centralized storage space that can be accessed from all computers on campus. E-mail is Web based and can be accessed from anywhere in the world. Students also receive accounts on the College’s course management system (currently Blackboard) which can be accessed from on or off campus.

Discipline specific computer labs include Visual Arts, Computer Science, Education, Graduate Accounting Program, and Natural Sciences. These labs are under the control of their respective departments and have specialized software as required for each major.

The Library is the principal general access computing facility on campus. These machines are available on nights and weekends as well as during normal school hours. This is supplanted by additional machines in the student union building.

International Study

The opportunity to participate in an overseas program is an important part of the academic offering at the State University College at Old Westbury. Students may include in their degree programs, 2-3 week intensive courses, a summer, semester, or academic year of study in a foreign country. International study programs are sponsored by the various State University campuses. SUNY College at Old Westbury students may apply for admission to more than 412 overseas study programs in 50 different countries: in North and South America, Africa, Asia, Western and Eastern Europe, Australia and New Zealand. Courses are available in over 100 subjects, ranging from aboriginal studies and aerospace engineering to western philosophy and women’s studies. While many programs focus on language learning and are conducted in the language of the host country, many others are conducted wholly or partly in English. Program structures vary from total immersion in a foreign university, to course instruction by foreign faculty, to courses taught by the SUNY faculty with expertise in a given subject area, to a combination of these structures.

SUNY College at Old Westbury also offers its own international study programs, including:

1. A student and faculty exchange program with Kangnung National University, South Korea;
2. A student and faculty exchange program with four (4) different universities in China (Jinan University; Central University for the Nationalities; Shandong Finance Institute; and Wuji University);
3. A student exchange program with the University of Puerto Rico;
4. Summer programs in Valencia, Spain; China and South Korea;
5. Winter programs in Mexico and Cuba.

Various types of financial aid, for which a SUNY Old Westbury student is eligible, may be applied to the cost of foreign study. Program deadlines vary, but six months’ lead time is usually required to investigate and apply for foreign study programs. Information may be obtained from the Office of Academic Affairs, CC Room H-410. Students must consult with their academic advisor before undertaking overseas study.

The Office of International Education at SUNY Old Westbury is planning additional overseas programs. For more information, please call (516) 876-3135.

LEARNING CENTERS

Women’s Center

The Center sponsors presentations, workshops, and film series as well as housing a small lending library on such topics as sexual harassment, sexual assault, dating and domestic violence, stalking, equal pay, equal job opportunities, equal sports opportunities, general women’s health and wellness, sexual health, stereotypes of gender and sexuality, GLBT issues, eating disorders, poverty, pregnancy, contraception and abortion, parenting, etc. It offers opportunities for student internships, service learning, volunteering and work study, and also provides resources and referrals on all of the above issues.

Old Westbury Writing Center

A-124 - Academic Village

The Writing Center offers free writing assistance and free non-credit writing workshops for Old Westbury students, faculty, staff, and alumni. Students can walk-in or make advanced appointments to discuss their work in progress with a writing consultant. We help with writing for any course or academic occasion and welcome students from all disciplines and academic levels. We assist with all aspects of the writing process including understanding assignments and generating ideas, developing thesis statements, organizing, and paragraphing, and communicating clearly at the sentence level.
Math Learning Center
The Math Learning Center provides tutoring and advising for students taking mathematics and computer science courses, and encourages students to develop a deeper appreciation and interest in mathematics. Staffed by professional educators and peer tutors, the Mathematics Learning Center welcomes all students. It is located in A-118, (516) 876-3338. Specific hours are announced each semester.
To view our schedule or make an appointment for a writing consultation, go to the following website: www.rich36.com/oldwestbury
For more information call (516) 876-3093.
ACADEMIC SUPPORT FACILITIES

The Campus Buildings
The State University College at Old Westbury has a 605-acre campus with several complexes:

- **The Academic Village** complex consists of a central building containing four classroom wings plus nine residence halls clustered in a semi-circle.
- **The Campus Center** includes classrooms, offices, the Duane L. Jones Recital Hall, the John and Lillian Maguire Theater, the Amelie A. Wallace Gallery, and the Library. The student dining hall, the campus Print Shop and the post office are also located in the building.
- **The Natural Science Building** contains a greenhouse, lecture hall, classrooms, and laboratories.
- **The F. Ambrose Clark Physical Education and Recreation Center** contains a gymnasium, swimming pool, courts, and other facilities. Additionally, a new state-of-the-art Student Center and five Residence Halls were recently completed.

The President's home is located on the campus, as are the Long Island branch of Empire State College, various service buildings and garages, a heating plant and several parking lots which provide convenient and ample parking.

The Library
The Library, which overlooks expansive lawns from the L wing of Campus Center, is a process as well as a place, with librarians engaging faculty and students throughout the campus and with the internet delivering library services far from the physical library. The catalog to more than 214,000 volumes includes 4,000 electronic books which can be used anywhere, anytime. The hundreds of printed periodical subscriptions are complemented by a far larger number of online, full-text periodicals accessible worldwide. The Media Services Department has over 2,000 DVDs and videotapes, private viewing booths and presentation classrooms, and it also provides media services around the campus. The library has strong collections in Women's Studies and African American Studies. The Tamiment Library, Radical Pamphlet Literature, Slavery Source Material, and Women's History Research Center Library are rich collections of microfilm for American history. Important databases in all our fields of study are available to students and faculty wherever they may be. Databases for research in business and accounting are especially strong. The library has a newly built and rapidly expanding Curriculum Materials Center for Teacher Education. There are more than 80 workstations and there is wireless internet throughout the building.

Quality access to quality material is not enough, especially in the rapidly changing electronic world. Librarians help students with generous, one-on-one consultations, as well as with phone and email assistance, in order to enhance research and computer skills. The librarians also provide a formal instruction component to many courses in which professor, librarian and students work together.

The John and Lillian Maguire Theater
The Theater, which opened in fall 1983, is an intimate 400-seat proscenium house with a hydraulically operated orchestra lift, complete with a trapped stage, an associated 30-line fly house opening to 40-feet wide, and a 28 foot-high, curtained opening. The stage depth of 28 feet can be doubled by opening 30-foot-high doors to a 4,000 square foot backstage assembly area. Dressing rooms, offices, and shop and costume facilities surround the stage. There is also a black-box rehearsal/studio theater. Sophisticated light and sound controls are housed above the rear of the auditorium. The Maguire Theater is in the J-wing of Campus Center.

The Duane L. Jones Recital Hall
The 336-seat Duane L. Jones Recital Hall is equipped with theatrical lighting, a large podium, excellent acoustics, and four dressing rooms.

Science Laboratories
The College at Old Westbury's Natural Science Building contains classrooms, faculty offices and a multipurpose teaching laboratory with 104 student stations and several research laboratories, an x-ray lab, and an NMR-spectroscopy lab, among others.

Studios
The Visual Arts Department is supported by the following class laboratory areas: drawing, sculpture and painting studio, electronic media: digital design studio and photography lab. The Amelie A. Wallace Gallery (described below) provides co-curricular support for the visual arts.

Amelie A. Wallace Gallery
The Amelie A. Wallace Gallery in the College’s Campus Center exhibits paintings, sculpture, photographs, and mixed media by professional artists (including faculty) and students in the Visual Arts Department. Discussions with the exhibiting artists often are scheduled in conjunction with the opening of shows in the Gallery.
The Gallery’s three levels, connected by ramps, feature nearly three thousand square feet of exhibit space, plus track lighting that can be adjusted to highlight the displays. The center level opens onto an outdoor sculpture court that can be used to house outdoor displays. The entire facility is supported by two adjacent rooms for preparation and storage of exhibit materials.

The Gallery was formally dedicated to Amelie A. Wallace of Garden City on May 22, 1979. The late Mrs. Wallace, a member of the Old Westbury College Council from 1974 to 1980, was honored for her unflagging interest in the College and the State University as well as support of the arts at Old Westbury.

F. Ambrose Clark Physical Education and Recreation Center (Clark Center)

The F. Ambrose Clark Physical Education and Recreation Center, named for industrialist and College at Old Westbury benefactor F. Ambrose Clark, is the headquarters for all athletic programs and activities at this institution. These include intercollegiate, intramural, and recreational athletics along with facilities needed to ensure that the college community is served accordingly.

Old Westbury’s NCAA Division III athletic program competes in 12 intercollegiate sports including Men’s Soccer, Women’s Volleyball, Men’s and Women’s Cross Country, Men’s and Women’s Basketball, Men’s and Women’s Swimming, Baseball and Softball. Our intramural program encompasses popular activities available during the year including racquetball, basketball and co-ed volleyball.

Other Clark Athletic Center features include an Olympic-quality, six-lane swimming pool, a 2,500-seat arena for basketball, volleyball or other programs, a fully equipped cardio room (w/ treadmills, stationary cycles, stair climbers and rowing machines), a weight room, locker room, sauna and shower facilities. Baseball and softball facilities, two soccer fields, tennis, outdoor basketball and handball courts and miles of trails and roadway suitable for jogging are also included.

Schedules for facility use are available at the Clark Athletic Center or information is available by calling (516) 876-3241.

Other Services and Facilities

College at Old Westbury Alumni/Alumnae Association

The College at Old Westbury Alumni/Alumnae Association is a nonprofit service organization with more than 600 members. The Association is self-governing, operating through an elected board of directors and officers. The president of the Association is a member of the Old Westbury College Council and the Old Westbury College Foundation, Inc.

To assist current students, the Association sponsors such activities and awards as career information panels, the annual Dr. Martin Luther King, Jr. Community Service Award to a graduating senior, four scholarships for undergraduate studies, and two student scholarships for graduate study. In addition, Association members lend their time and talents to many College-wide committees, and participate in Parent/Family Alumni/Alumnae Homecoming activities, job fairs, open houses, international festivals, new student orientations, convocations, and commencements. The Association also holds an annual awards dinner, which honors alumni/alumnae of the College and Long Island community.

Members of the Association are entitled to audit courses without charge, (with instructor permission), use the College Library and, at a reduced rate, the F. Ambrose Clark Physical Education and Recreation Center. For information, call the Alumni Association Office at (516) 876-3140 or write the College at OldWestbury Alumni Association at SUNY College at OldWestbury, P.O. Box 210, OldWestbury, NY 11568-0210. The Association office is located in Campus Center; H-410.

Administrative Computing Services

Computing Services is the centralized umbrella group for technology on campus. The division directly maintains the general access computer facilities and provides secondary support to the departmental labs. It also maintains the administrative systems that support day to day College operations including desktops, the network infrastructure that provides Inter/Intranet access and the telephones. The Web based student registration system, E-mail, the course management system, campus wide computer accounts, network shared file space, web servers, are all maintained by this division. A state of the art operations center permits the staff to oversee most of the campus systems from a single location facilitating quick trouble shooting and fault isolation.
ACADEMIC DEPARTMENTS
School of Arts and Sciences Administration:

Dean of the School of Arts and Sciences: James Llama
American Studies: Rosalyn Baxandall, Chair
Biological Sciences: Marie Metlay, Chair
Chemistry and Physics: Barbara Hillery, Chair
English: Christopher Hobson, Chair
History and Philosophy: Edward Bever, Chair
Mathematics, Computer and Information Sciences: Naresh Gupta, Chair
Modern Languages: Sonia Assa, Chair
Politics, Economics and Law: Joseph Harris, Chair
Psychology: Runi Mukherji, Chair
Sociology: Jacobs Heller, Chair
Visual Arts: Patricia McLaughlin, Chair

The School of Arts and Sciences offers our version of what has been called for over 2,000 years a “liberal education,” meaning a broad education undertaken for informed citizenship. With a mission based on social justice, life-long learning, and global citizenship, the School prepares students to live and learn actively throughout their lives in a multi-cultural world. The Old Westbury liberal education is about learning to think and act independently, and to that end fosters open-mindedness; critical, coherent, and flexible thinking; tolerance for complexity and ambiguity; and self-examination in the context of a diverse population. Like the original liberal arts, the School of Arts and Sciences aims to prepare students for civic responsibility and the exercise of choice, informed by a sure sense of values.

The liberal arts degrees at Old Westbury provide a solid foundation for graduate studies and professional accomplishment in many fields. In the fast-changing global society, flexible thinking, problem-solving abilities, and communication skills have never been more relevant or more in demand in the workplace.

Students encounter the liberal arts curriculum in two ways, one broad and the other more concentrated. A program of General Education ensures learning across the major branches of knowledge—the humanities, social sciences, and natural sciences. It is the General Education program that constitutes the liberal education for every Old Westbury graduate. The major, a collection of sequenced courses within a discipline or interdisciplinary area, ensures depth and focus. Whatever one’s chosen field, the School of Arts and Sciences equips students broadly for a life of learning and change.
American Studies is an interdisciplinary program which offers two degrees:
1. a Bachelor of Arts (B.A.) Degree in American Studies;
2. a Bachelor of Arts (B.A.) Degree in Media and Communications.

The Major in American Studies
American Studies is an interdisciplinary liberal arts program. Courses in the program examine the history and culture of the United States, social and economic structure, forms of cultural expression, and political and legal institutions. These courses integrate history, sociology, literature, and media studies and are designed to encourage the development of critical thinking, debate and clear expository writing. American Studies courses emphasize the diversity of American Society and the experiences of ordinary life, paying particular attention to ethnic, gender, and other forms of social inequality. Courses examine institutions of power and control and the ways people attempt to change society.

Work in the program is designed to combine a liberal arts education with career preparation. The program also offers students the ability to develop a field of study in the following areas: U.S. History and Society, Media Studies, African American History and Culture and Women's Studies. Through its internship program, the major provides students with broad, flexible training appropriate to a wide array of jobs. The interdisciplinary course of study offered in the major provides useful preparation for graduate school and careers in education, media, law, government, and social work. The department expects that students, regardless of their career goals, will graduate with the knowledge and skills necessary to take constructive action for social change in their communities and workplaces, nation and the world.

Evening Students
American Studies offers a limited selection of courses in the evening. Completion of a major in American Studies requires daytime course attendance.

Transfer Students
An American Studies major can be completed in a two year period with appropriate planning. With an advisor’s approval, a maximum of three courses will be accepted in transfer toward the 10 courses required for the major. Transfer students should note that AS3112-AS3122, The American People I-II are prerequisites for enrollment in 5000-level American Studies courses, as well as, for a number of other American Studies courses. It is essential that these courses be taken in a transfer student’s first year at Old Westbury if the expectation of completing the program in two years is to be met. These courses must be taken prior to the senior year.

Requirements for a Bachelor of Arts (B.A.) Degree in American Studies
(120 credits, 90 credits in liberal arts)

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements 10 courses
1. AS3112-AS3122 The American People I-II (8 credits)
   *Note: These are prerequisites for enrollment in 5000-level American Studies courses. American Studies majors should complete these two courses as early as possible.

2. American Studies: Areas of study 20 credits
   Students may choose, from the following list, five courses that define an area of study. Choices may include: U.S. Society; U.S. History; Cultural Studies; African-American Studies and Women’s Studies. Two of these courses must be taken at the 4000 level. American Studies students cannot get credit towards the major for practical media courses.
   AS1152 Themes in U.S. History
   AS1162 Social Control and Social Change
   AS1512 Introduction to Women’s Studies
   AS2202 Contemporary U.S. Society
   AS2275 Current Issues
   AS2282 Introduction to African-American Studies
   AS2422 The Family: Institution in Crisis
   AS2652 Media Studies
   AS2752 American Autobiography
   AS2802 Introduction to Journalism and Media
   *AS2812 Community Journalism Internship
AS3130 The Black Church in America
AS3200 Working America
AS3222 History of City and Suburb
AS3225 Long Island History
AS3252 U.S. Social Movements
AS3262 African-American History I
AS3263 African-American History II
AS3270 Africa in the Americas
AS3402 Women, Work and Careers
AS3403 African-American Women's History
AS3412 African-American Women's History
AS3432 Women: Cultural Issues
AS3462 History of Women in the U.S.
AS3482 History of Love and Sexuality
AS3632 History of U.S. Film
AS3640 A History and Culture of Latinos/Latinas in the U.S.
AS3702 Best Sellers
AS3712 American Film Genres
AS3722 History of Mass Media
AS3732 Politics of Media
AS3742 Myths and Images in Film
AS3792 Making a Magazine
AS3810 Popular Music and Radio in America
AS3820 Radio Production and Editing
AS3822 TV and Radio Journalism
AS3830 Public Relations in Society
AS3842 African-Americans and the Mass Media
AS3852 Women and the Media
AS4150 Radio on the Air
AS4200 Environmental Journalism
AS4202 Internship in Government and Community
AS4212 Early America
AS4215 Critical Ideas in American History
AS4218 Civil War and Reconstruction
AS4222 The Emergence of Modern America
AS4235 Atomic America
AS4240 Racism and the Legal System
AS4245 Video Tools & Technology
AS4250 Immigration Today
AS4252 Immigrants, Migrants and Americanization
AS4255 TV Studio Production
AS4260 New Media Newsroom
AS4265 Civil Liberties and Civil Rights
AS4280 Global Media
AS4282 America in War and Peace: 1898 to 1975
AS4283 America Between the World Wars
AS4285 Vietnam and After
AS4288 Contemporary U.S. Foreign Policy 1980 - Present
AS4290 Youth in America: A History
AS4291 America Since WWII: 1945-1989
AS4310 From Citizen to Consumer
AS4402 History of the Family in the U.S.
AS4420 History of New York City and State
AS4432 History of the Women's Movement
AS4652 Women Writers
AS4715 African-American Thought and Culture
AS4722 Film: Ideas and Aesthetics
AS4725 The Photograph and American Culture
*AS4802 Investigative Reporting
*AS4812 Writing for Publication
*AS4815 Writing for Electronic Media
*AS4822 Newswriting
*AS4825 Making a Newspaper
*AS4832 Internship in Journalism
*AS4842 TV Journalism: Electronic News Gathering
AS4850 Digital Revolution
*AS4852 Documentary Production
*AS4862 The Journalist as Creative Writer
*AS4870 TV Production and Editing
*AS4882 Radio Reporting
*denotes practical journalism courses
3. In-Depth Experience (4 credits)
   Students may choose an internship, an independent study with a major research paper, or a second 4000 level American Studies course with the exception of practical journalism courses, which are denoted by *.
4. Capping courses (8 credits)
   Two of the following (Senior Level):
   AS5000 The US in World and Multicultural History Perspectives
   AS5112 American Voices
   AS5202 American Social and Political Visions
   AS5212 Narrative and History
   AS5312 History of U.S. Culture
   AS5412 Protest and Change
   AS5420 Propaganda and Mass Persuasion
   AS5712 Mass Media and Popular Culture
   AS5800 Research in American History and Culture
C. General Electives
   In consultation with Academic Advisor
Program Policies
1. All American Studies majors must see an advisor at least once a semester.
2. Only one grade of D+, D or D- will be accepted toward the major.
3. A minimum grade of B- must be achieved in one 5000 level course.
4. Only three 1000 or 2000 level courses will be counted toward the major.
5. In order to qualify for independent study, students must have sophomore standing and a B (3.0) average. Only 4 credits of independent study will be counted toward the major.
6. Only 4 credits of internship can be applied toward the major.
7. No practical journalism course (noted in the catalog by asterisk*) can be counted toward the American Studies major, but they may be used as free electives.
8. Only three courses can be transferred from another college or university and accepted for credit toward the major.
9. Transfer credit can be given for either American People I or II, not both.
10. Students should not assume that 4000 and 5000 level courses will be taught during the summer sessions; however, internships are usually taught over the summer.
The Biological Sciences program of study leads to either a Bachelor of Science (B.S.) or a Bachelor of Arts (B.A.) degree in Biology, or a Bachelor of Science (B.S.) degree in Health and Society. This program offers the basic courses for students whose career plans include the biological sciences, premedical and pre-professional training and secondary education (B.S. in Biology), public policy or environmental studies (B.A. in Biology), or health-related areas (B.S. in Health and Society). Students interested in secondary education should refer to the certification requirements in the teacher education program. The Biological Sciences Department incorporates an innovative, multidisciplinary approach to problem-solving in biology. It combines a strong research orientation in the basic sciences with a concern for community health and environmental problems. It offers excellent preparation for professional and research careers as well as training for community health workers concerned with the educational needs of the entire Long Island community.

General Education
Students who are not majors in Biological Sciences may select biology to fulfill the science domain in General Education. This domain requires students to take at least one laboratory based course. The designated course for this purpose is Biology for Non-Majors (BS2100).

Evening Students
The department currently offers all entry-level Health and Society courses and selected upper-division required courses in the evening. A student can anticipate completing a Bachelor of Science (B.S.) degree in Health and Society during the evening.

Transfer Students
To be accepted in the department, all transfer students must provide a transcript to their advisor before enrolling in any course. Transfer students who will be majoring in Biology must earn a minimum grade of C in each Basic Biology course in order to register for upper division classes. If students have satisfactorily completed basic and area course requirements elsewhere, they must, in consultation with an advisor, select an appropriate program of study and complete a total of 6 upper division electives, which includes at least one course in each of the three required areas of study. (See degree requirements.)

Requirements for Entry into Basic Biology I and II (BS2400-2410)
In order to register for BS2400-2410 a student must have completed the following prerequisites: EC II placement and MA 1020 (College Algebra).

Undergraduate Research Opportunity Programs
The Biological Sciences Department offers research opportunities for qualified undergraduate students. Students with a strong academic record and an interest in research are encouraged to work with one or more of the biological sciences faculty on selected laboratory projects.

The following topics represent the research interest of the Biological Sciences faculty:

- **Patrick Cadet:** Neurobiology, Opioid Neurobiological Mechanisms and Neuroimmunology of invertebrates
- **Harvey Catchen:** Gerontology, The Role of Advocacy Organizations in Monitoring Nursing Homes, Occupational Health
- **Rita Colon-Urban:** Microbiology: Mechanisms of Antibiotic Resistance
- **Martha Livingston:** Women’s Health, Health Policy, Social Determinants of Health
- **Manya Mascareno:** Cancer: Cell Biology and Gene Expression Changes
- **Marie Metlay:** Neuroimmunomodulation
- **Fernando Nieto:** Neurobiology, Opioid Neurobiological Mechanisms in Parasite Host Interactions, Biodeterioration of Cultural Property
- **Stephen C. Pryor:** Environmental Health, Biochemical Genetics of Mosquitoes, Effects of Parasitic Infection on Behavior of Hosts
- **Virgilija Remeza:** Microbiology, Molecular Genetics
- **George B. Stefano:** Neurobiology, Opioid Neurobiological Mechanisms and Neuroimmunology Invertebrates
Currently, the research programs are supported as follows:

The Old Westbury Neuroscience Research Institute
Director, George Stefano, Ph.D.

1. The Old Westbury Neuroscience Research Institute funded by the National Institute on Drug Abuse and NIMH.
2. National Institute of Mental Health Career Opportunities in Research (COR) Program. Director, Stephen Pryor, Ph.D.
3. Old Westbury International Neuroscience Research Program funded by the National Institutes of Health-Fogarty International Center. Director, Fernando Nieto, Ph.D.

The National Institutes of General Medical Sciences Programs
Director, Robert M. Hoyte, Ph.D., Biomedical Research Opportunities.

1. Minority Access to Research Careers (MARC U*STAR)
2. Minority Biomedical Research Support (MBRS)

All of these research opportunities provide financial support to qualified students.

Requirements for a Bachelor of Arts (B.A.) Degree in Biological Sciences
(Total Credits Required 120)

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Departmental Requirements 64 credits
BS2400-BS2410 Basic Biological Sciences I-II
HS3600 Introduction to Health and Society
BS5410-5420 Seminar I: Reading in the Discipline/ Seminar II: Writing in the Discipline (2 semesters)

Six upper-division biology courses as follows:
1. At least one course chosen from each of the following areas:
   a. Cellular-Molecular area:
      BS4400 Cell Biology
      BS4410 Histology
      BS4420 Microbiology
      BS4430 Developmental Biology
      BS4440 Evolution
      BS4460 Genetics
      BS4461 Immunology
      BS4470 Ecology
      BS4471 Freshwater Ecology (Limnology)
      BS4472 Microbial Ecology
      BS4473 Tropical Marine Biology
      BS4480 Animal Behavior
      BS4500 Cell and Molecular Neurobiology
      BS4560 Molecular Biology
      BS4651 Toxicology
      BS4680 Environmental Health
      BS5590 Advanced Research
      BS5591 Environmental Research
      CP4510 Biochemistry
      HS3200 Nutrition and Society
      HS4491 Human Ecology
   
   b. Organismic area:
      BS3400 Vertebrate Physiology
      BS3500 Invertebrate Zoology
      BS3520 Comparative Anatomy
      BS4430 Developmental Biology
   
   c. Population area:
      BS4440 Evolution
      BS4470 Ecology
      BS4480 Animal Behavior

2. Three courses chosen from a-c or from the following Biology electives:
   BS2490 Environmental Science
   BS3400 Vertebrate Physiology
   BS3450 Plant Biology
   BS3500 Invertebrate Zoology
   BS3510 Parasitology
   BS3520 Comparative Anatomy
   BS3710 Environmental Physiology
   BS3810 Biological Aspects of Aging

BS4400 Cell Biology
BS4410 Histology
BS4420 Microbiology
BS4430 Developmental Biology
BS4440 Evolution
BS4460 Genetics
BS4461 Immunology
BS4470 Ecology
BS4471 Freshwater Ecology (Limnology)
BS4472 Microbial Ecology
BS4473 Tropical Marine Biology
BS4480 Animal Behavior
BS4500 Cell and Molecular Neurobiology
BS4560 Molecular Biology
BS4651 Toxicology
BS4680 Environmental Health
BS5590 Advanced Research
BS5591 Environmental Research
CP4510 Biochemistry
HS3200 Nutrition and Society
HS4491 Human Ecology

3. MA2090 Precalculus (Calculus, Statistics or Computer Science recommended)

4. CP2220-2221 Structure of Physics I (with Lab)
5. CP2100-2101 & 2110-2111 General Chemistry I, II (with Labs)
   OR
   CP2120-2121 & 2130-2131 Principles of Chemistry, I, II (with Labs) if additional Chemistry courses are planned

6. 8 credits in foreign language or computer science
7. Additional Recommended Courses Health and Society electives may be chosen with an advisor to meet the specific interests of particular students.

Electives in other programs should be chosen to cover a broad range of subject areas; advisors will assist students in selecting the most appropriate courses.
C. General Electives
In consultation with Academic Advisor

Upper-Division Requirements
A grade of D may be accepted toward graduation in maximum of two of the required courses in a related field. However, a grade

Requirements for a Bachelor of Science (B.S.) Degree in Biological Sciences
(Total Credits Required 120)

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Departmental Requirements 66 credits
BS2400-BS2410 Basic Biological Sciences I-II
CP2120-2121 &
CP2130-2131 Principles of Chemistry I-II (with Labs)
CP2220-2221 &
CP2230-2231 Structure of Physics I-II (with Labs)
OR
CP2240-2241 &
CP2250-2251 General Physics I-II (with Labs)
CP3300-3302 &
CP3310-3312 Organic Chemistry I-II (with Labs)
BS5410-5420 Seminar I: Reading in the Discipline/Seminar II: Writing in the Discipline
MA2310 Calculus and Analytic Geometry
A grade of D may be accepted toward graduation in two of the required courses in Chemistry/Physics or Math.

Six upper-division biology courses as follows:
1. At least one course chosen from each of the following areas:
   a. Cell-Molecular area:
      BS4400 Cell Biology
      BS4460 Genetics
   b. Organismic area:
      BS3400 Vertebrate Physiology
      BS3520 Comparative Anatomy
   c. Population area:
      BS4440 Evolution
      BS4470 Ecology
2. Three courses chosen from the list of Biology electives
3. Completion of BS2400-BS2410 Basic Biological Sciences I and II with a grade of C or better is a prerequisite for upper-division biology courses. A grade of C or better is required in each biology course in order to be credited for graduation.
4. A student may not repeat any Biology course more than one time.

C. General Electives
In consultation with Academic Advisor

Biology Electives
BS3400 Vertebrate Physiology
BS3450 Plant Biology
BS3500 Invertebrate Zoology
BS3510 Parasitology
BS3520 Comparative Anatomy
BS3710 Environmental Physiology
BS3810 Biological Aspects of Aging
BS4400 Cell Biology
BS4410 Histology
BS4420 Microbiology
BS4430 Developmental Biology
BS4440 Evolution
BS4460 Genetics
BS4461 Immunology
BS4470 Ecology
BS4471 Limnology
BS4472 Microbial Ecology
BS4473 Tropical Marine Biology
BS4480 Animal Behavior
BS4500 Cell and Molecular Neurobiology
BS4560 Molecular Biology
BS4651 Toxicology
BS5590 Advanced Research
BS5591-BS5592 Environmental Research
CP4510 Biochemistry
Environmental Studies and Ecology
For students interested in the environment and ecology, the Biological Sciences Department offers a minor in Environmental Studies. Students should meet with an advisor for guidance in selecting electives and preparing their senior project.

A B.S. degree with this emphasis will prepare a student for advanced laboratory research in environmental biology while a B.A. degree with this emphasis is designed for students more interested in administering environmental programs. Direct participation in environmental agencies and organizations on Long Island or independent laboratory research on an environmental problem is an important aspect of this emphasis.

Middle Childhood and Adolescence Education Option
Middle childhood and adolescence education degrees are available for students planning a career teaching biology. By completing all requirements listed under Teacher Education in this catalog, students majoring in Biological Sciences satisfy all requirements for New York State initial certification in either middle childhood education (grades 5-9) or adolescence education (grades 7-12). Students must secure an advisor in both Teacher Education and Biological Sciences. (Refer to “Advisement” section under Teacher Education.)

HEALTH AND SOCIETY
The Bachelor of Science degree in Health and Society is a two-year, upper-division course of study and is offered by the Biological Sciences Department. The program examines health and health care from the perspective of the social and behavioral as well as the biological sciences. The degree will be particularly useful for two types of students: those already working in the health professions, e.g., registered nurses and dental hygienists, and those who wish to pursue careers in public health, health education, health administration, occupational health, social work, and many other health-related fields. This degree will help to prepare students for work in such areas as gerontology, women’s health, occupational and environmental health, AIDS/STD education and counseling, and substance use counseling. Health and Society graduates will also be qualified to enter graduate programs in health or social work.

Course of Study
All Health and Society majors are required to take BS2100 or BS2400-BS2410 a two semester introductory course in health and society, biostatistics, epidemiology, field placement, research methods and senior seminar. Field placement offers students an opportunity to work in a health-related agency for 90 hours. Research methods guides students in the development of research proposals to conduct health studies in their communities. In senior seminar, students complete their studies and present the findings in a written report.

Students may choose electives in a variety of health areas such as mental health, occupational health, gerontology, nutrition, health care policy, health administration, health education, and international health.

Students must complete 120 credits to satisfy the requirements for the Bachelor of Science degree in Health and Society. Upon completion of the program, students will be expected to have developed:

1. A basic knowledge of human biology and human diseases seen in a social and environmental context.
2. A basic understanding of health institutions in our society and their effect on the lives of community residents.

The Health and Society degree does not prepare students for a specific credential or position, and students should note that many positions in the health field require further professional training at the graduate level.

Requirements for a Bachelor of Science (B.S.) Degree in Health and Society
In addition to College-wide requirements including General Education, students who plan to pursue a degree in Health and Society must take a minimum of 11 courses to fulfill degree requirements. The basic requirements for the degree are:

1. Eight courses (nine courses if taking BS2400-BS2410)
2. Three upper-division Health and Society electives

In addition, students are required to become computer-literate, and may fulfill this requirement either formally, by taking a course or informally. All courses in the major must be completed with a grade of C or better.

Required Courses 32 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS2100</td>
<td>Biology for Non Majors</td>
</tr>
<tr>
<td>OR</td>
<td>BS2400-BS2410 Basic Bio Sciences I and II</td>
</tr>
<tr>
<td>HS3600</td>
<td>Introduction to Health &amp; Society</td>
</tr>
<tr>
<td>HS3610</td>
<td>Introduction to the U.S. Health Care System</td>
</tr>
<tr>
<td>HS4670*</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>HS4800**</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>HS4900*</td>
<td>Field Placement</td>
</tr>
<tr>
<td>HS5900*</td>
<td>Research Methods</td>
</tr>
<tr>
<td>HS5920**</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

* Offered every Fall
** Offered every Spring
**Health and Society Electives**  
You may choose any three of these courses to satisfy the requirement for the major. Your advisor will suggest courses that may be appropriate to your area of specialization.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS3200</td>
<td>Nutrition and Society</td>
</tr>
<tr>
<td>HS4450</td>
<td>Sex in Humans</td>
</tr>
<tr>
<td>HS4491</td>
<td>Human Ecology</td>
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<tr>
<td>HS4600</td>
<td>Health Promotion</td>
</tr>
<tr>
<td>HS4610</td>
<td>Women and Health</td>
</tr>
<tr>
<td>HS4631</td>
<td>Mental Health</td>
</tr>
<tr>
<td>HS4650</td>
<td>Substance Use and Abuse</td>
</tr>
<tr>
<td>HS4661</td>
<td>Health Education</td>
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<tr>
<td>HS4700</td>
<td>Medical Anthropology</td>
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<tr>
<td>HS4740</td>
<td>Gerontology: Long-Term Care</td>
</tr>
<tr>
<td>HS4750</td>
<td>Aging and Social Policy</td>
</tr>
<tr>
<td>HS4760</td>
<td>Health Administration</td>
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<tr>
<td>HS4770</td>
<td>Occupational Health</td>
</tr>
<tr>
<td>HS4790</td>
<td>Health Policy</td>
</tr>
<tr>
<td>HS4820</td>
<td>Health Law</td>
</tr>
<tr>
<td>HS4850</td>
<td>International Health</td>
</tr>
<tr>
<td>HS4890</td>
<td>Environmental Policy and Politics</td>
</tr>
<tr>
<td>BS3710</td>
<td>Environmental Physiology</td>
</tr>
<tr>
<td>BS3810</td>
<td>Biological Aspects of Aging</td>
</tr>
<tr>
<td>BS4490</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>BS4680</td>
<td>Environmental Health</td>
</tr>
</tbody>
</table>

**Field Placement**

All Health and Society majors are required to work 90 hours in a health-related agency in fulfillment of the field placement requirement. Depending on their interests, students work in a wide variety of health settings. These agencies include: Nassau County Department of Health, Nassau University Medical Center, Nassau County Department of Senior Citizens Affairs, Planned Parenthood, Long Island Alzheimer’s Foundation, March of Dimes Birth Defects Foundation and Old Westbury Senior Citizens Center. Field work experiences of this nature constitute an integral part of the Health and Society degree.

**Articulation Agreement**

SUNY College at Old Westbury has an articulation agreement with The South Oaks Institute of Alcoholism and Addictive Behavior Studies to facilitate the entrance of graduates of their substance abuse counseling program into the Health and Society Program.
CHEMISTRY AND PHYSICS

Distinguished Teaching Professor: Robert M. Hoyte
Distinguished Service Professor: Henry Teoh
Professors: Judith Lloyd, Konrad Wu
Associate Professors: Michael Colaneri, Fernando Espinoza, Barbara Hillery, Chair; Duncan Quarless
Visiting Associate Professor: Steve Samuel
Laboratory Manager: Judith Johnson
Laboratory Technician: Abigail Britton

THE MAJOR IN CHEMISTRY

The Chemistry major is intended to serve three student constituencies: (1) first time to college and lower division transfer students; (2) transfer students who have earned either an Associate of Arts, Associate of Science, or Associate of Applied Science degree; (3) non-matriculated students wishing to complete courses in chemistry to further career or personal goals. Since this student clientele will vary greatly in ability, preparation, and goals, the program is designed to have substantial flexibility. This flexibility is accomplished by offering two degree options: the Bachelor of Arts (B.A.) degree and the Bachelor of Science (B.S.) degree.

The B.A. degree program requires fewer courses in chemistry than the Bachelor of Science program, leaving greater freedom for selection of courses in other areas, e.g., the biological sciences. This frequently is the preferred route for students preparing for entry into the health professions, as well as for students seeking opportunities in public school education or direct employment in scientific industries.

The B.A. degree in Chemistry is the logical option for those who wish to prepare for postgraduate study in medicine, dentistry, patent law, and related professions.

The B.S. degree program is the recommended program for students planning graduate study in chemistry. It also prepares graduates for baccalaureate careers in the chemical sciences, and scientific positions related to the environment, energy, and health sciences.

For those who wish to continue their education on the graduate level, an optional program based on recommendations of the American Chemical Society’s Committee on Professional Training has been designed as an integral extension of the B.S. degree program. This optional curriculum has received full certification from the American Chemical Society (ACS). Students who complete the ACS approved program will be awarded an ACS certified B.S. degree in chemistry.

THE MAJOR IN BIOCHEMISTRY

The Biochemistry major is also intended to serve the three student constituencies identified above for the chemistry major, but will appeal to students whose interests overlap the fields of chemistry and biology. The B.S. degree program in biochemistry is designed to prepare students for careers in biotechnology and scientific work in emerging fields at the interface of biology and chemistry. It is a highly interdisciplinary curriculum that also prepares students for graduate study in biochemistry and related fields such as molecular and cellular biology. In addition, the biochemistry major provides excellent preparation for students intending to seek entry into medical, dental, and other health professional schools.

In addition to its degree-granting role, the Chemistry/Physics Department provides vital support both to science majors in fields other than chemistry and to non-science majors. The Department offers courses which appeal to broad segments of the college community, and provides non-science majors with the scientific concepts needed to function effectively in today’s society.

Transfer Students

The Chemistry major is designed to articulate with a typical community college program. Transfer students who have followed a science curriculum at a two-year college, including one year each of introductory chemistry, organic chemistry, calculus and physics can expect to complete the chemistry major in two years.

Physics Courses

The Chemistry/Physics Department also offers courses in physics and physical science. The motivating philosophy for these courses is to provide the student with a broad background in the fundamental laws and principles of physics and mathematical physical sciences for work in biological science, chemistry, physics, engineering, mathematics, teacher education, business, computer and information sciences, and health-related fields.

Evening Students

At the present time, it is not possible for a student to earn a degree in Chemistry by attending classes only during the evening.
Students who intend to Pursue an Engineering Career

The Chemistry/Physics Department provides the necessary liberal arts foundation to students interested in pursuing engineering careers. SUNY College at Old Westbury has an articulation agreement with the College of Engineering and Applied Sciences at SUNY Stony Brook. For further information, please contact the Chair of the Chemistry/Physics Department.

Competency Requirement for graduation with a degree in Chemistry or Biochemistry

Students must achieve a 2.0 average in core requirements taken at Old Westbury.

Requirements for a Bachelor of Arts (B.A.) Degree in Chemistry

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Core Requirements
(include 1 Chemistry elective) 51 credits (minimum)

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
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<tr>
<td>CP2121</td>
<td>Principles of Chemistry I Lab</td>
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</tr>
<tr>
<td>CP2130</td>
<td>Principles of Chemistry II</td>
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</tr>
<tr>
<td>CP2131</td>
<td>Principles of Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CP3300</td>
<td>Organic Chemistry I</td>
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</tr>
<tr>
<td>CP3302</td>
<td>Organic Chemistry I Lab</td>
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<td>CP3310</td>
<td>Organic Chemistry II</td>
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<td>CP3400</td>
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<tr>
<td>CP4700</td>
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<td>OR</td>
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<td>OR</td>
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<td>OR</td>
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<td>OR</td>
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<td>OR</td>
<td>CP2221 Structure of Physics I Lab</td>
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<tr>
<td>OR</td>
<td>CP2241 General Physics I Lab</td>
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</tbody>
</table>

C. General Electives
In consultation with Academic Advisor

Total Credits Required: 120

Requirements for a Bachelor of Science (B.S.) Degree in Chemistry

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Core Requirements
(include 3 Chemistry electives) 64 credits (minimum)

<table>
<thead>
<tr>
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<tr>
<td>CP2121</td>
<td>Principles of Chemistry I Lab</td>
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<tr>
<td>CP2130</td>
<td>Principles of Chemistry II</td>
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<td>CP2131</td>
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<tr>
<td>CP3300</td>
<td>Organic Chemistry I</td>
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<tr>
<td>CP3302</td>
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<tr>
<td>CP3312</td>
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OR

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<tr>
<td>CP4700</td>
<td>Physical Chemistry I</td>
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<td>CP4710</td>
<td>Physical Chemistry II</td>
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<tr>
<td>CP4720</td>
<td>Physical Chemistry Lab</td>
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<tr>
<td>CP4800</td>
<td>Advanced Chemical Methods</td>
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<tr>
<td>CP5920</td>
<td>Senior Seminar I</td>
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<tr>
<td>CP5921</td>
<td>Senior Seminar II</td>
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<tr>
<td>CP2240</td>
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<tr>
<td>CP2241</td>
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<tr>
<td>CP2250</td>
<td>General Physics II</td>
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<td>CP2251</td>
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<tr>
<td>MA2310</td>
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<tr>
<td>MA2320</td>
<td>Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

C. General Electives
In consultation with Academic Advisor

Total Credits Required: 120
MA3330 Calculus III 4 
or MA3360 Differential Equations 4 
or CP3230 Mathematical Methods in the Physical Sciences 3

Chemistry Electives
(at least three of the following) 7-11 credits
CP3230 Mathematical Methods in the Physical Sciences 3
CP4320 Advanced Organic Chemistry 3
CP4510 Biochemistry I 3
CP4515 Biochemistry II 3

C. General Electives
In consultation with Academic Advisor

Total Credits Required: 120

Requirements for a Bachelor of Science (B.S.) Degree in Biochemistry

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Core Requirements 72 credits
CP2120 Principles of Chemistry I 3
CP2121 Principles of Chemistry I Lab 1
CP2130 Principles of Chemistry II 3
CP2131 Principles of Chemistry II Lab 1
CP3300 Organic Chemistry I 3
CP3302 Organic Chemistry I Lab 2
CP3310 Organic Chemistry II 3
CP3312 Organic Chemistry II Lab 2
CP3400 Analytical Chemistry 5
CP4700 Physical Chemistry I 3
CP5920 Chemistry Senior Seminar I 1
CP5921 Chemistry Senior Seminar II 1
CP4510 Biochemistry I 3
CP4515 Biochemistry II 3
CP4520 Biochemistry Lab 2
BS2400 Basic Bio Sciences I w/ Lab 4
BS2410 Basic Bio Sciences II w/ Lab 4
BS4400 Cell Biology 4
BS4460 Genetics 4
BS4560 Molecular Biology 4
CP2220 Structure of Physics I 3

or
CP4320 Advanced Organic Chemistry 3
CP4800 Advanced Chemical Methods 5
CP5500 Advanced Topics in Chemistry 3
CP5900 Research 2-4
CP9990 Independent Study in Chemistry/Physics 2-4

Electives
(at least 2 of the following) 4-9 credits

C. General Electives
In consultation with Academic Advisor

Total Credits Required: 120

Requirements for a B.S. Degree in Chemistry with American Chemical Society Certification
To be eligible for ACS Certification, students must complete all requirements for the B.S. degree in Chemistry, and two of the three electives must be: Biochemistry I (CP4510) and Advanced Inorganic Chemistry (CP5600). Research (CP5900) as an elective for ACS certification must include a comprehensive and well-documented research report.

Middle Childhood and Adolescence Education Option
Middle Childhood and Adolescence Education degrees are available for students planning a career teaching chemistry. By completing all requirements listed under School of Education in this catalog, students majoring in Chemistry satisfy all requirements for New York State initial certification in either Middle Childhood Education (grades 5-9) or Adolescence Education (grades 7-12). Students must secure an advisor in both School of Education and Chemistry. (Refer to “Advisement” section under School of Education.)
ENGLISH

Professors: Narayan Hegde, Mervyn Keizer
Associate Professors: Christopher Hobson, Chair
Assistant Professor: Linda Camarasana, Nicholas Powers
Instructor: Margaret Torrell
Visiting Instructor: Mary Grabher

Bachelor of Arts (B.A.) Degree in English

The Department of English houses Old Westbury's Writing Programs and offers the Bachelor of Arts Degree in English. Building on common foundations, this degree offers two upper-level concentrations: Multicultural U.S.-British Literature and World Literature. Within the Multicultural Literature concentration, additional specializations in African American Literature and in Women’s and Gender Studies can be arranged.

At the Foundations level, requirements recognize the importance of firm grounding in Language Arts and Literary Interpretation. These emphases correlate with stress on skills foundations in current pedagogy. The Linguistic Foundations requirement recognizes the centrality of strong training in the history and structure of language as well as the formal grammar of English.

The Literary Analysis requirement offers training in literary interpretation, close reading, knowledge of literary genres, social and historical contextualization of literature, and literary theory, today a sine qua non of competitive literature degrees.

A three-course sequence in Literary Traditions includes historical surveys of British, U.S., European, and World literature and selected courses in classical foundations, genres, and such recent topics as postcolonialism.

The Multicultural U.S./British Literature Concentration is rooted in recent trends in literary theory and interpretation, which view U.S./British literature as expressing diverse national, cultural, and gender perspectives within a common tradition. Multicultural U.S./British Literature includes texts from both the U.S. and U.K. by writers of different ethnicities, genders, sexualities, classes, and ability/disability status. Multicultural literature focuses on the complexity of two countries in which people of many different cultures cohabit. Such fields as African American Literature, Multi-Ethnic Literatures of the United States, Women’s Literature, and Lesbian and Gay Literature, increasingly prominent in English studies since 1990, form the core of this Concentration. This Concentration enhances the competitiveness of students applying to graduate English programs or continuing to a variety of careers. Allowed specializations in African American Literature and Women’s and Gender Studies aid students’ ability to present themselves as pursuing focused and structured curricula.

The World Literature Concentration studies literature in English from outside the U.S./U.K. as well as other literatures in translation. This concentration speaks to the increasing integration of international literary culture and to an increasing emphasis on global culture. It is directly relevant to the sizeable number of Old Westbury students from postcolonial English speaking cultures and to others with an interest in world culture. It helps prepare students for graduate study in such fields as Postcolonial Studies, the Literature of the African Diaspora, and others, and for varied careers.

The Senior Seminar requirement offers an integrated capstone experience for students in this degree program. The Senior Seminar requirement begins with Senior Seminar I—Research and Writing, an intensive preparation for the Senior Thesis including study of advanced research methods, seminar presentations, and a semester-length writing project. Senior Seminar II—Thesis provides a semester-long thesis writing project with a common curriculum of reading and research.

Committed to the living spirit of literature and to the enabling possibilities of language, the English Department provides a variety of curricular and co-curricular projects to involve students in that discovery and development which mark the enlightened and lively study of literature. The Department maintains a Poetry Center for the study of poetry and the development of individual talent. An Annual Student Conference on Language and Literature encourages students to present their own papers. Majors have opportunities to earn course credit as peer mentors and as peer tutors. Majors may apply for paid positions as peer tutors in the Writing Center, a language arts tutoring center affiliated with the English Department. Internships place students in legal, cultural and publishing venues under the supervision of professionals.

Graduates of this program will be excellently prepared to enter graduate school in the proliferating fields of Multicultural English Literature and World Literature. English continues to be one of the best preparations for law, business, and other professions.

Evening Students
At this time, completing the major requires predominantly daytime attendance.

Transfer Students
Students can complete the major in a two-year period. Up to twelve transfer credits may apply toward the forty-four credits required for the major.
Requirements for a B.A. Degree in English
(120 credits, 90 in liberal arts):

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements:
All students in the major take a set of platform courses (levels 1 - 3) and complete the Senior Seminar sequence (level 5). Students choose one of two concentrations, U.S.-British Multicultural Literature or World Literature, at level 4. Summaries of the areas and credits are as follows:

Prerequisites: EMS for all courses at 3000 level or above; EL2001, 2022, or equivalent or advisor’s waiver

Distribution Requirements:
(a) At least 2 courses primarily in literature written before 1800 (for the U.S., 1900)
(b) At least 1 course in each of: British Literature; U.S. Literature; and World Literature. Either EL3500 or 3510 may be used to satisfy the British or U.S. Literature requirement, but not both.

B.A. in English 44 credits
1. Linguistic Foundations 4 credits
2. Literary Analysis 8 credits
3. Literary Traditions 12 credits
4. Concentrations 12 credits
   a. U.S.-British Multicultural Literature
   b. World Literature
5. Senior Seminar 8 credits

Structure and Sequence of Courses:
1. Linguistic Foundations (choose one):
   EL2421 Introduction to Language
   EL3010 Structure and Grammar of English
2. Literary Analysis (choose two):
   EL3500 Literature Across Cultures I: Analysis and Interpretation
   EL3510 Literature Across Cultures II: Theory
   EL4400 Critical Theory
3. Literary Traditions (select one From Group A, one from Group B, and one from Group A, B, or C)
   A. British and U.S. Literature:
   EL3600 US Literature I: Colonial Period to Civil War
   EL3610 US Literature II: Civil War to Present
   EL3800 English Literature I: Beowulf to 18th Century, inclusive of Shakespeare
   EL3810 English Literature II: Romantics to Present
   B. World Literature:
   EL3560 Literatures of Europe Part I

4. Concentrations: Choose Multicultural U.S.-British Literature OR World Literature

Multicultural U.S.-British Literature
Concentration:
A. Electives. Choose any two from these groups: 1
   British/U.S. Literature
   EL4030 Women and Narrative
   EL4050 Lesbian and Gay Literature
   EL4060 Literature of Class and Class Consciousness
   EL4080 Extraordinary Bodies: Disability in Literature
   U.S. Literature
   ML3410 Latino Writers in the US
   EL3811 Survey of African American Literature
   EL4000 Native American Literature
   EL4010 Harlem Renaissance
   EL4020 Asian American Literature
   EL4040 Women Writers of the Harlem Renaissance
   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
   B. Required for all students in the concentration:
   EL4800 Major Authors

1 With adviser’s approval, any 3 courses in one of the following lists may be used to build a specialization, with one of the 3 substituting for the Literary Traditions Group C requirement:
   (a) African American Literature specialization (choose 3): EL3612, EL4010, EL4040, EL4070, CH3611, CH4980, CH4981
   (b) Women's and Gender Studies specialization (choose 3): EL4030, EL4040, EL4050
Course in Composition
The Department of English offers a range of courses in composition. All courses are designed to develop facility in reading and writing and to sharpen critical thinking, listening, oral communication, research and study skills. Reflecting the College's comprehensive commitment to excellence in language arts, these English courses serve dual constituencies:

1. students fulfilling the College Writing Requirement;
2. students selecting language and literature courses as electives.

Courses at the 1000 and 2200 levels fulfill the General Education two-course requirement in Basic Communication. English Composition I: Exposition concentrates on language development and rhetorical models. For English Composition II, the Department offers a diverse set of thematically organized courses at the 2200 level. These courses offer further training in structured expository writing as well as introducing students to research skills and scholarly documentation.

These composition courses fulfill competencies in college-level composition, revision, oral skills, computer use and research methods required by the General Education program.

English for Speakers of Other Languages
A two-tier program of English for Speakers of Other Languages (ESOL) is designed to develop the English proficiency of foreign students as well as of recent immigrants as they become bilingual. An ESOL recommendation on the College Placement Exam combined with an interview with ESOL faculty places a student into an ESOL program of courses especially designed to aid both in the acquisition of general English skills and in the preparation for other university-level work. Full- and part-time programs of study are available. For full-time students, ESOL classes are integrated into a predetermined sequence of courses at the 2200 level. These courses offer further training in structured expository writing as well as introducing students to research skills and scholarly documentation.

These composition courses fulfill competencies in college-level composition, revision, oral skills, computer use and research methods required by the General Education program.

Hours, Credits
All ESOL students, full-time and part-time, must register for the appropriate ESOL class as their basic program. Other courses in the sequence may be added to reach the full-time status of 12 credit hours. Generally students should not attempt more than 12 credits, since considerable time needs to be given for English practice. ESOL students are encouraged to attend sessions at the Writing Center and to attend other co-curricular language arts activities which foster language acquisition and language use.

General Education Courses
Most but not all courses above the 2200 level courses fulfill General Education Domain requirements in the areas of The Arts, Humanities and/or Diversity. Consult the General Education Bulletin or speak with a Department adviser for guidance.

Non-Major Electives
EL2001 Public Speaking
EL2022 Voice and Diction
EL2310 Introduction to Literature
EL3901 Introduction to Creative Writing
EL3903 Writing for Stage and Screen
EL4130 Language and Communication Skills for Educators
EL4520 Reading and Writing the Short Story

Poetry Center
The Old Westbury Poetry Center, an English Department initiative, is located in A-130. Operating hours are posted each semester. The Center offers several participatory poetry events every semester. The Poetry Club, a student club associated with the Poetry Center, organizes these programs, conducts a College-wide Poetry Contest every spring, and publishes a student-edited magazine, Harmonia.
The History and Philosophy Department prepares students for leadership and lifelong learning in a time of rapid globalization through courses that emphasize multicultural and international perspectives in disciplines such as history, philosophy, anthropology, religion, and cultural studies. The degrees offered by the department give students a chance to enrich their understanding of human existence while preparing them for leadership in a wide range of professional fields.

THE CURRICULUM
The History and Philosophy Department is responsible for three Bachelor of Arts degree programs. All provide students with a range of options, allowing them to design a course of study suited to their interests. At the same time, these degrees offer excellent preparation for a variety of career paths and graduate degrees. The degree programs are:

Comparative Humanities – a broad, interdisciplinary and multicultural degree featuring a study of both Western cultural traditions and at least two traditions from other parts of the world, including Africa, the Middle East, Latin America, and Asia. At the lower level, the major introduces students to different disciplinary approaches to studying culture, from the perspectives of history, philosophy, comparative religion or anthropology. At the advanced level, students explore the convergence of the worlds’ cultures in the 19th and 20th centuries leading to the global community we live in today. The degree includes two concentrations: a broad, interdisciplinary Humanities concentration, and a more tightly focused History concentration.

Philosophy and Religion – emphasizes the analysis of values, belief systems, and contemporary ethical issues with courses in diverse cultural traditions and major areas of philosophical and religious thought. Students explore the common aspects of these topics as well as their differences. Courses from the Western tradition and from Islamic, Asian, and African perspectives are included. All courses emphasize critical thinking and analytical skills and help students form a coherent set of ethical judgments and beliefs.

Adolescence Education: Social Studies – is offered jointly by the History and Philosophy Department and the School of Education, and includes courses from the departments of American Studies and Politics, Economics and Law as well. This program prepares students to teach Social Studies in high schools and middle schools (grades 7-12), and has received national recognition from the prestigious National Council for the Accreditation of Teacher Education (NCATE). After passing statewide certification exams, students completing this degree will be fully qualified to teach at the secondary level.

Minors
The department supports interdepartmental minors in Pre-Law, Global Studies, and African American Studies.

Special Activities
The History and Philosophy Department organizes the Summer Study Abroad Program in China, which is a credit-bearing course. The four-week program of study and travel, currently based at the Central Nationalities University in the Chinese capital, Beijing, is ideally suited for students pursuing an East Asian focus within the Comparative Humanities degree, as well as for candidates in other areas of Arts and Sciences, Education, and Business. The department also sponsors a student club.

Career Opportunities
With an emphasis on critical thinking, problem-solving, language, communicative skills, and an appreciation of the diversity of modern American society, degrees in the department provide excellent preparation for professional careers and for graduate study in the liberal arts. Graduates of the program have gone on to successful careers in education, public relations, social services, and government. In an increasingly international world, the multicultural outlook and communications skills fostered by the department’s programs are essential for every career path.

Study Abroad
In addition to the Summer Study Abroad Program in China, students are encouraged to apply for the Summer Study Abroad Program in Spain, coordinated by the Department of Modern Languages.

Evening Students
Course selections in the evening are limited, but the History and Philosophy Department will try to accommodate evening students. A number of courses are offered online, and courses are generally offered in the summer sessions and January mini-semester.
Transfer Students

Students may be able to substitute up to five courses taken at other institutions to fulfill requirements in the major. Consult the department chair for specific course equivalents.

Requirements for a Bachelor of Arts Degree in Comparative Humanities

The B.A. in Comparative Humanities is an interdisciplinary and cross-cultural degree that introduces students to the history, philosophy, religious traditions, and cultures of the world through courses focused on Europe and the West, Asia, Africa, the Islamic World, and Latin America.

Students select one of two concentrations within the degree. The interdisciplinary Humanities concentration offers a broad exploration of the human experience. The more tightly focused History concentration is well suited for students planning to pursue graduate studies in history or social studies.

Both concentrations provide students with a solid background in the Western cultural tradition while allowing them to explore in depth the diversity of cultures present in the world today. Both include an introduction to the Humanities, a choice among disciplinary perspectives, two courses each on the Western and non-Western heritages, one course on the “convergence of cultures” in the modern world, two electives in which students can pursue their interests in greater depth, and a Senior Seminar which provides an opportunity for focused research.

Students need a minimum of 120 credits, including fulfillment of the General Education requirement, major requirements (40 credits), and general College electives. No more than one course with a D grade will be accepted toward requirements for the major.

<table>
<thead>
<tr>
<th>A. General Education</th>
<th>History Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refer to the General Education Bulletin for specific requirements.</td>
<td>Refer to the General Education Bulletin for specific requirements.</td>
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</table>

<table>
<thead>
<tr>
<th>B. Major Requirements</th>
<th>40 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Track</td>
<td></td>
</tr>
<tr>
<td>1. HI2250 Introduction to the Humanities</td>
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<tr>
<td>2. Disciplinary Perspectives (choose one)</td>
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<tr>
<td>HI2155 Introduction to Comparative Religion</td>
<td></td>
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<tr>
<td>HI1240 Comparative Cultures</td>
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<tr>
<td>HI2200 Science in Western Civilization</td>
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<tr>
<td>HI2511 World History I: Non-Western</td>
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<tr>
<td>HI2521 World History II: Western Civilization</td>
<td></td>
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<tr>
<td>HI2720 Introduction to Philosophy</td>
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<tr>
<td>HI3040 Analysis of Culture</td>
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<tr>
<td>HI4062 Making History</td>
<td></td>
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<tr>
<td>3. Heritage of the West (choose two)</td>
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<tr>
<td>HI3002 Rise of Reason-The Classical Origins of Western Culture</td>
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<tr>
<td>HI3011 Foundations of the Judeo-Christian Tradition</td>
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<tr>
<td>HI3021 Europe in the Middle Ages</td>
<td></td>
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<tr>
<td>HI3030 From God to the Machine: Europe from the 16th to the 18th Centuries</td>
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</tr>
<tr>
<td>4. Heritages of Asia, Africa, Latin America &amp; Middle East (choose two)</td>
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<tr>
<td>HI3080 Asian Cultures</td>
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<tr>
<td>HI3091 African Cultures</td>
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<tr>
<td>HI3110 Latin American Culture</td>
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<tr>
<td>HI3835 Islamic Cultures</td>
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<tr>
<td>5. Convergence of the World’s Cultures (choose one)</td>
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<tr>
<td>HI4001 The Nineteenth Century</td>
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<tr>
<td>HI4011 The Twentieth Century</td>
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<tr>
<td>6. Electives (choose two)</td>
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<tr>
<td>Any two HI courses at the 3000 or 4000 level. One course must be at the 4000 level.</td>
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</table>

7. HI5900 Senior Seminar (required)
### Requirements for a Bachelor of Arts Degree in Philosophy and Religion

Students are required to complete a minimum of 120 credits, including 51-52 credits of General Education courses, major requirements (40 credits), and general College electives. No more than one course with a D grade will be accepted toward requirements for the major.

The Philosophy and Religion degree gives students grounding in the traditional issues, content, and methods of these disciplines while emphasizing a broad global perspective. At the introductory level students take courses in disciplinary foundations and methods, as well as general surveys in the disciplines. The major then requires the study of philosophy and religion within specific cultural contexts with opportunities for students to engage with Western, Islamic, African and Asian systems of thought and value.

Given the common ethical and normative concerns of the two disciplines, students take an ethics course that has both an applied and a multicultural perspective. Upper division electives allow students to do more in-depth and specialized work on issues and topics of their choosing. Students with a particular interest in some area of applied ethics, such as the environment, issues of race and gender, health, and social policy, may choose elective courses from outside the major in consultation with an advisor.

Successful completion of the degree will give students an understanding of the role of philosophical principles and religious systems in current ethical and political debates, as well as an understanding of the existential issues common to all humankind. The courses enhance critical thinking, analytical skills and the ability to make independent and informed ethical judgments. The Philosophy and Religion major is excellent preparation for many career paths and is especially recommended for students preparing for law school.

#### A. General Education 51-52 credits.

Refer to the General Education Bulletin for specific requirements.

#### B. Major Requirements Total: 40 credits

1. **Disciplinary Perspectives/Surveys (Choose Two)**
   - HI1010 World Religions: West
   - HI1020 World Religions: East
   - HI2720 Introduction to Philosophy
2. **Disciplinary Methods (Choose One)**
   - HI2155 Introduction to Comparative Religion
   - HI2700 Introduction to Logic
3. **Cultural Foundations (Choose Three)**
   - HI3011 Foundations of Judeo-Christian Tradition
   - HI3080 Asian Cultures
   - HI3091 African Cultures
   - HI3525 Ancient Greek Philosophy
   - HI3703 Modern Philosophy
   - HI3835 Islamic Cultures
4. **HI3752 Ethics (Required)**
5. **Electives (Choose Two)**
   - EL4312 Greek Mythology
   - HI3002 Rise of Reason—The Classical Origins of Western Culture

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HI3010</td>
<td>World Religions: East</td>
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<tr>
<td>HI3020</td>
<td>World Religions: West</td>
</tr>
<tr>
<td>HI3030</td>
<td>Foundations of Judeo-Christian Tradition</td>
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<tr>
<td>HI3080</td>
<td>Asian Cultures</td>
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<tr>
<td>HI3091</td>
<td>African Cultures</td>
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<tr>
<td>HI3525</td>
<td>Ancient Greek Philosophy</td>
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<td>HI3703</td>
<td>Modern Philosophy</td>
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<td>HI3835</td>
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<td>HI3002</td>
<td>Rise of Reason—The Classical Origins of Western Culture</td>
</tr>
<tr>
<td>HI3752</td>
<td>Ethics (Required)</td>
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<td>EL4312</td>
<td>Greek Mythology</td>
</tr>
<tr>
<td>HI3020</td>
<td>World Religions: East</td>
</tr>
</tbody>
</table>

#### C. General Electives:

In consultation with academic adviser.

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### B.A. Degree in Adolescence Education: Social Studies (grades 7-12)

An adolescence education degree is available in Social Studies (grades 7-12) for students planning a career teaching social studies at the high school level. By completing all requirements listed under the School of Education in this catalog, students majoring in Adolescence Education: Social Studies satisfy all requirements for New York State initial certification in adolescence education (grades 7-12) and are fully qualified to teach social studies at the high school level.

Students interested in majoring in Social Studies should be advised by the History and Philosophy department as early as possible for help with course selections; they can be advised as early as freshman year or on admission to the college. To graduate with a Social Studies degree, students must be admitted to the School of Education: Secondary Education. After admission to SOE, they will have two advisors: one in History and Philosophy and one in the School of Education: Secondary Education. (Refer to Social Studies under the School of Education for a description of course requirements.)
The Bachelor of Arts and Bachelor of Science degrees in Industrial and Labor Relations are multidisciplinary majors within the Politics, Economics and Society Department. Through the vantage point of worker/employer relations, they explore the history, contributions, and problems of working people and their institutions in contemporary society, as well as the theory and practice of various management methods and models, from scientific management to modern human resource management. Foundation courses introduce students to the analytical tools of political science and economics that are useful in the specialized study of labor-management issues. Core courses emphasize current labor-management and labor-government issues, including collective bargaining, grievance procedures, arbitration, labor and employment law, public policy, and labor economics. Electives allow students the opportunity to further explore labor-management issues from the perspectives of management, unions, history, economics, sociology, politics, law, and public health. The curriculum recognizes that globalization of labor markets and production is rapidly changing the labor-management environment. Multinational corporations, with their enormous size and ability to relocate production and other facilities, have upset the post-World War II balance of power with unions. Thus, courses emphasize the dynamic nature of current labor-management relations.

Careers and Graduate Education
With their multidisciplinary curricula, combined with their emphasis on critical thinking and communication skills (written and oral), the Industrial and Labor Relations majors provide students with a solid foundation for immediate careers – and for graduate study. Students are well prepared for careers in ILR, human resource management, business, unions, advocacy, and government agencies (e.g., Department of Labor). Students also pursue graduate studies in law, ILR, management, public administration, and similar fields. Our graduates currently are in leadership and high staff positions in HR departments, labor unions, and government agencies. The Student Chapter of the Society for Human Resource Management (SHRM) has assisted many students in making connections in the business world. The Long Island chapter of the Industrial Relations Research Association (IRRA) offers a scholarship each year to an Old Westbury ILR major, and it welcomes students to attend its meetings.

Internships
To assist students in exploring career opportunities, the ILR faculty actively pursues internships for academic credit. The model consists of a mentor – in a human resources department, a labor union, or a government agency – acquainting the student as to various responsibilities and activities. The internships are one semester long, one day per week. Contact the Coordinator of ILR well before the semester begins to apply for an internship.

Transfer Students
Students may earn no grade lower than a C- in courses for the ILR degrees. A maximum of five courses may be transferred from another institution toward the B.A. in ILR, and a maximum of six courses may be transferred toward the B.S in ILR. A transferred two course sequence offering two credits for each course is equivalent to one course in the major.

Evening Students
Students majoring in ILR can fulfill requirements for graduation by attending evening classes.

Life Long Learners (LLL)
Adult students who wish to continue their education by taking credit courses, without pursuing a degree, may elect to attend the college under a non-matriculated status. Many students, particularly members of labor unions, enroll in ILR courses as Life Long Learners (LLL). The Office of Enrollment Services will assist such students.

Requirements for a Bachelor of Arts (B.A.) Degree in Industrial and Labor Relations
(120 credits, 90 credits in liberal arts)
The Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees in Industrial and Labor Relations are multidisciplinary programs of study, drawing on courses offered in several departments at the College.

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. ILR degrees (refer to the following page)
Bachelor of Arts (B.A.) Degree in Industrial and Labor Relations (48 credits or 12 courses)
(Students may take a maximum of 20 credits in BU-designated courses.)

**Foundation Courses (9 credits or 3 courses required)**
- PE2420 Principles of Microeconomics
- PE2430 Principles of Macroeconomics
- PE2650 Introduction to U.S. Politics
- PE3410 Contemporary Political Economy

**Core Courses (20 credits or 5 courses required)**
- IR2210 Unions and Management: An Introduction
- IR3140 Unions and Public Policy
- IR3300 Collective Bargaining and Grievance Procedures
- IR3415 Labor Economics
- IR4320 Labor and Employment Law

**Electives (16 credits or 4 courses required)**
- BU4110 Organizational Behavior and Management
- BUS125 Management and Society
- BUS171 Human Resource Management
- BUS173/74 Training and Development (2 credits)/Compensation Management (2 credits)
- HS4770 Occupational Health
- IR3120 History of American Labor Relations
- IR3260 Comparative Labor Relations
- IR3330 Women, Minorities and Work
- IR3500 Arbitration and Mediation
- IR3860 Development of the Modern Corporation
- IR4200 Strategic Research for Labor Relations
- IR4340 Public Sector Labor Law and Collective Bargaining
- IR4350 Working With the NLRB and PERB (2 credits)
- IR5900 Senior Project/Internship in Industrial and Labor Relations

Bachelor of Science (B.S.) Degree in Industrial and Labor Relations (56 credits or 14 courses)
(Students may take a maximum of 20 credits in BU-designated courses.)

**Foundation Courses (12 credits or 4 courses required)**
- PE2420 Principles of Microeconomics
- PE2430 Principles of Macroeconomics
- PE2650 Introduction to U.S. Politics
- PE3410 Contemporary Political Economy
- PE3200 Statistics (C)

**Core Courses (28 credits or 7 courses required)**
- IR2210 Unions and Management: An Introduction (C)
- IR3120 History of American Labor Relations
- IR3140 Unions and Public Policy (C)
- IR3260 Comparative Labor Relations
- IR3300 Collective Bargaining and Grievance Procedures (C)
- IR3330 Women, Minorities and Work
- IR3415 Labor Economics
- IR3500 Arbitration and Mediation
- IR4200 Strategic Research for Labor Relations
- IR4320 Labor and Employment Law (C)

**Electives (12 credits or 3 courses required)**
- BU4110 Organizational Behavior and Management
- BUS125 Management and Society
- BUS171 Human Resource Management
- BUS173/74 Training and Development (2 credits)/Compensation Management (2 credits)
- HS4770 Occupational Health
- IR3860 Development of the Modern Corporation
- IR4340 Public Sector Labor Law and Collective Bargaining
- IR4350 Working With the NLRB and PERB (2 credits)
- IR5900 Senior Project/Internship in Industrial and Labor Relations

**Competency Requirement in the Major**
In order to graduate with a B.A. or B.S. degree in Industrial and Labor Relations, a student may receive no grade lower than a C- in courses applied toward the major.

**The Minor in Industrial and Labor Relations**
Requirements for the minor are listed on page 123.
The Department of Mathematics and Computer & Information Science (Math/CIS) came into being in 2003 when the respective departments of Mathematics and Computer & Information Science merged administratively. The purpose of the merger was twofold: to realize the inherent synergies between the two disciplines and to more effectively serve our students.

Mathematics is the language of the sciences: it is the foundation of fields ranging from weather forecasting to financial engineering. The study of mathematics develops one’s ability to express one’s thoughts clearly and precisely, to reason logically, and to analyze and solve problems algorithmically.

The analysis and design of efficient algorithms—that is, sets of rules used for computation—is fundamental to problem solving in both mathematics and computer science. As a computer scientist, one needs to develop and deliver working systems comprised of hardware and software that represent the solution to clients’ real-life problems; therefore, programming is the central activity in systems development. Creating software entails abstraction, encapsulation and modularization, which aid in conceptualization and design of complex systems.

Presently, the Math/CIS department offers three degrees:

1. Bachelor of Science in Mathematics
2. Bachelor of Science in Computer & Information Science
3. Bachelor of Science in Management Information Systems

All three degree programs provide students with a firm foundation in the fundamentals and endeavor to prepare them as life-long self-learners. Mathematics majors may choose to specialize in either pure mathematics or computational mathematics by appropriate selection of electives in consultation with their advisors. CIS majors may choose to specialize in system software or information systems or computer and network security by appropriate selection of courses in consultation with their advisors. MIS majors take a broad range of courses in CIS and business.

**Academic Requirements**

Students begin the Mathematics, CIS, or MIS major at a level appropriate to their preparedness. Some students will need to fulfill prerequisite courses before taking the core requirements for Mathematics, CIS, or MIS. Faculty will aid students in devising a plan of study that will reflect each student’s talent and career ambitions.

To graduate with a Mathematics, CIS, or MIS degree, students must earn a grade of C or better in all Math, CIS, and MIS courses applied to the degree.

Students should bring intellectual curiosity, determination, and motivation to the Mathematics, CIS, and MIS majors; faculty will help to open the doors to academic and professional success.

**Transfer Students**

The department has articulation agreements with several community colleges. Transfer students who have followed a mathematics or computer science curriculum at a two-year college are expected to be able to complete their respective degrees in two years. Upon approval from the chairperson, transfer students may use equivalent courses taken elsewhere in fulfillment of major requirements. They are advised to consult with the chairperson regarding transfer of credits from other institutions. Transfer students must complete a minimum of 24 credits in Math/CIS at Old Westbury.
Evening Students

Although the majority of the CIS and MIS courses are offered in the evening on a regular basis, students who plan to earn a degree in CIS or MIS by attending only evening classes should note that completion of the degree may take longer than normal due to scheduling constraints. Mathematics majors can fulfill some of the requirements for graduation by attending evening classes. However, the majority of the mathematics courses are offered only during the day.

COMPUTER & INFORMATION SCIENCE (CIS)

The Computer and Information Science degree at the College at Old Westbury is a course of study that is both academically rigorous and practically sound. The distinction is important in light of the large gap that exists between most colleges’ curriculum in this field and the needs of the computer industry. Driven by cost-cutting pressures and by the effects of downsizing, companies expect their new employees to be ready to start work and be productive.

The CIS degree is unique in its strong emphasis on the areas of data management, Web technologies and applied software development in networked environments. Therefore, all of our majors are required to take the following courses: Software Engineering, Database Management, Computer Networks, Systems Design and Implementation, and Technical Communications. CIS majors may choose to emphasize system software or information systems. The languages of instruction are C++ and Java. Students use LISP for the Artificial Intelligence course.

The total enrollment in each course is limited to maximize the interaction between faculty and students. The material is presented in a closely coordinated series of lectures. Concepts taught in the classroom are reinforced and tested through programming assignments. Students design, implement, and test components of their computer projects in the department’s computing laboratory. There is an active Association for Computing Machinery (ACM) Student Chapter in the department. The department regularly participates in the ACM Programming Contest and our students have performed competitively with students at New York metropolitan area colleges and universities.

The CIS department was established in 1979. Its graduates hold positions as application programmers and system analysts, and are employed in the installation and operations of computer networks in various enterprises, including manufacturing, government, and business. Some CIS graduates are also pursuing graduate studies in computer science and/or management information systems.

The internet and web technologies have completely changed the way we conduct our daily lives and have created numerous opportunities for businesses to manage operations more efficiently and serve their customers more effectively. This has created tremendous opportunities for innovations in hardware/software and for tapping the enormous unrealized potential of information technologies for the benefit of society.

Requirements for the Bachelor of Science (B.S.) Degree in Computer & Information Science

The Computer & Information Science (CIS) degree program focuses on the subjects of computers, their organization, and the programs that run them. Emphasis is placed on software rather than hardware. CIS majors may choose to specialize in either system software or information systems or computer network security by appropriate selection of CIS electives. See sample programs at end of section.

Course Requirements (minimum 120 credits).

A. General Education Courses

Refer to the General Education Bulletin for specific requirements.

B. Major Requirements 68 credits

1. Computer & Information Sciences Courses

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS2510</td>
<td>Computer Programming I</td>
</tr>
<tr>
<td>CS2511</td>
<td>Computer Programming II</td>
</tr>
<tr>
<td>CS3620</td>
<td>Computer Architecture I</td>
</tr>
<tr>
<td>CS3810</td>
<td>Data Structures &amp; Algorithms</td>
</tr>
<tr>
<td>CS3910</td>
<td>Java and Object-Oriented Programming</td>
</tr>
<tr>
<td>or</td>
<td>CS3911</td>
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<tr>
<td>or</td>
<td>C++ and Object-Oriented Programming and Design</td>
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2. Required Mathematics Courses

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<thead>
<tr>
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<tr>
<td>MA2030</td>
<td>Mathematical Logic &amp; Set Theory</td>
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<tr>
<td>MA2310</td>
<td>Calculus &amp; Analytic Geometry I</td>
</tr>
<tr>
<td>MA3030</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>MA3210</td>
<td>Probability and Statistics</td>
</tr>
</tbody>
</table>

C. General Electives

In consultation with Academic Advisor 4 credits
MANAGEMENT INFORMATION SYSTEMS (MIS)

Management information systems (MIS) is a general term used to describe the computer-based information systems that provide operational information to an enterprise. The SABRE System is an example of a computer-based information system. Originally used only by American Airlines for passenger reservations, it is today a system connecting more than 30,000 travel agents and millions of consumers with more than 400 airlines, 50 car-rental companies, thousands of hotels, railways, tour companies, ferries and cruise lines. The MIS term is also often used to describe the role of those who manage these computer-based information systems. Within a large enterprise, the MIS department refers to a centrally administered system of computing expertise and management, including the enterprise’s entire network of computing resources.

The MIS degree program prepares students as technical managers who can rise to serve in various capacities in an enterprise, starting as System Analysts in MIS departments. The goal of the MIS program is to give students both a firm grounding in information processing as well as in business fundamentals. Therefore, MIS majors take a broad range of required courses both in CIS and business. Since information systems in a networked environment are the mainstay of businesses for operational efficiency as well as management decision support, the MIS curriculum includes courses in database management, interactive multimedia design, computer networking, system design & implementation, and technical communications. MIS students also take an MIS topics course which introduces the practical aspects of building industrial-strength MIS systems through the use of real-life case studies. These courses provide MIS majors with an extensive background in technical and organizational areas which serves as a solid foundation for understanding how new technological advances enhance the use of information resources for operations and strategic decision-making.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE (B.S.) DEGREE IN MANAGEMENT INFORMATION SYSTEMS

(MIS majors take required courses in business, economics, CIS, and mathematics.)

Course Requirements (minimum 120 credits)

A. General Education Courses
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements* 68 credits

1. Required CIS courses 32 credits
   - CS2610 Visual Basic and Object Oriented Programming
   - CS3410 Interactive Multimedia Design
   - CS3611 Advanced Visual Basic and Database Application Programming
   - CS4100 Technical Communications
   - CS4550 Database Management Systems
   - CS5551 MIS Topics
   - CS5710 Computer Networking
   - CS5910 Systems Design & Implementation

2. Required Business Courses 20 credits
   - BU3502 Principles of Accounting I
   - BU3511 Principles of Accounting II
   - BU3800 Principles of Marketing
   - BU4110 Organizational Behavior and Management
   - BU4762 Financial Management

3. Required Economics Courses 8 credits
   - PE2420 Principles of Microeconomics
   - PE2430 Principles of Macroeconomics
   - MA2000 Applied Statistics
   - MA3210 Probability and Statistics
   - MA2030 Mathematical Logic and Set Theory
   - MA2300 Calculus for Business and Economics

4. Required Mathematics Courses 8 credits
   - MA2030 Mathematical Logic and Set Theory
   - MA2300 Calculus for Business and Economics

* A minimum of 24 credits in Math/CIS must be completed at Old Westbury.

C. General Electives 4 credits
In consultation with Academic Advisor
**MATHEMATICS**

Mathematics encompasses logic and reasoning skills that provide the tools for making decisions, interpreting observations, explaining natural phenomena, and solving problems. The Department aims to instill in students an appreciation of mathematics, and to equip students with the skills needed to achieve academic and career goals within a complex technological society. In addition to serving mathematics majors, the Department offers for business, science and liberal arts majors a number of courses that concentrate on problem solving.

**Career Opportunities**

The study of undergraduate Mathematics provides essential preparation for a variety of professional careers. Throughout government and industry, mathematical modeling and quantitative methods lie at the heart of research, analysis and problem solving. Old Westbury’s Mathematics graduates have pursued graduate studies and successful careers in fields such as actuarial science, management science, finance, industrial engineering, operations research, and statistics.

**Mathematics Learning Center**

The Mathematics Learning Center (MLC) provides academic support for students taking mathematics courses and encourages students to develop a deeper appreciation and interest in mathematics. Staffed by professional educators and peer tutors, the MLC welcomes all students. It is located in A-118, (876-3338). Specific hours are announced each semester.

**Requirements for a Bachelor of Science (B.S.) Degree in Mathematics**

Mathematics majors may choose to specialize in either pure mathematics or computational mathematics by appropriate selection of electives in consultation with their advisors. See sample programs at end of section.

**Course Requirements (minimum 120 credits)**

<table>
<thead>
<tr>
<th>A. General Education Courses</th>
<th>Three of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refer to the General Education Bulletin for specific requirements.</td>
<td>MA3030*** Discrete Mathematics 4</td>
</tr>
<tr>
<td>MA2500 and an additional course from GE Domain 3A are strongly recommended.</td>
<td>MA3180*** Foundations of Secondary School Mathematics 4</td>
</tr>
<tr>
<td></td>
<td>MA4100 Number Theory 4</td>
</tr>
<tr>
<td></td>
<td>MA4300 Numerical Analysis 4</td>
</tr>
<tr>
<td></td>
<td>MA4510*** Geometry 4</td>
</tr>
<tr>
<td></td>
<td>MA4910 Operations Research I 4</td>
</tr>
<tr>
<td></td>
<td>CS2511 Computer Programming II 4</td>
</tr>
<tr>
<td></td>
<td>CS3810 Data Structures and Algorithms 4</td>
</tr>
<tr>
<td></td>
<td>CS4501 Software Engineering 4</td>
</tr>
<tr>
<td></td>
<td>Or any 5000 Level Mathematics course.</td>
</tr>
<tr>
<td><strong>B. Major Requirements</strong>*</td>
<td>*A minimum of 24 credits in Math/CIS must be completed at Old Westbury.</td>
</tr>
<tr>
<td><strong>52 credits</strong></td>
<td><strong>Special notes to students double majoring in Middle Childhood and Adolescence Mathematics Education. See page 80.</strong></td>
</tr>
<tr>
<td><strong>1. Required Math/CIS Courses</strong></td>
<td><strong>C. General Electives</strong></td>
</tr>
<tr>
<td>40 credits</td>
<td><strong>16 credits</strong></td>
</tr>
<tr>
<td>MA2030 Mathematical Logic &amp; Set Theory 4</td>
<td>In consultation with an academic advisor, MA2500 is strongly recommended.</td>
</tr>
<tr>
<td>MA2310 Calculus and Analytic Geometry I 4</td>
<td><strong>2. Elective Math/CIS Courses</strong></td>
</tr>
<tr>
<td>MA2320 Calculus and Analytic Geometry II 4</td>
<td><strong>12 credits</strong></td>
</tr>
<tr>
<td>MA3160 Linear Algebra 4</td>
<td>CS2510 Computer Programming I 4</td>
</tr>
<tr>
<td>MA3210 Introduction to Probability &amp; Statistics 4</td>
<td><strong>3. Continuing Education Courses</strong></td>
</tr>
<tr>
<td>MA3330 Calculus and Analytic Geometry III 4</td>
<td><strong>4 credits</strong></td>
</tr>
<tr>
<td>MA4360 Differential Equations 4</td>
<td><strong>For Business, Science and Liberal Arts Majors:</strong></td>
</tr>
<tr>
<td>MA5120 Abstract Algebra I 4</td>
<td><strong>A number of courses that concentrate on problem solving:</strong></td>
</tr>
<tr>
<td>MA5320 Advanced Calculus I 4</td>
<td><strong>MA2500 and an additional course from GE Domain 3A are strongly recommended.</strong></td>
</tr>
<tr>
<td>CS2510 Computer Programming I 4</td>
<td><strong>MA3180</strong>* Foundations of Secondary School Mathematics 4</td>
</tr>
<tr>
<td><strong>2. Elective Math/CIS Courses</strong></td>
<td>MA4100 Number Theory 4</td>
</tr>
<tr>
<td><strong>12 credits</strong></td>
<td>MA4300 Numerical Analysis 4</td>
</tr>
<tr>
<td></td>
<td>MA4510*** Geometry 4</td>
</tr>
<tr>
<td></td>
<td>MA4910 Operations Research I 4</td>
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<tr>
<td></td>
<td>CS2511 Computer Programming II 4</td>
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<td></td>
<td>CS3810 Data Structures and Algorithms 4</td>
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<tr>
<td></td>
<td>CS4501 Software Engineering 4</td>
</tr>
<tr>
<td><strong>3. Continuing Education Courses</strong></td>
<td>Or any 5000 Level Mathematics course.</td>
</tr>
<tr>
<td><strong>4 credits</strong></td>
<td>***<strong>Special notes to students double majoring in Middle Childhood and Adolescence Mathematics Education. See page 80.</strong></td>
</tr>
<tr>
<td><strong>For Business, Science and Liberal Arts Majors:</strong></td>
<td><strong>C. General Electives</strong></td>
</tr>
<tr>
<td><strong>A number of courses that concentrate on problem solving:</strong></td>
<td><strong>16 credits</strong></td>
</tr>
<tr>
<td><strong>MA2500 and an additional course from GE Domain 3A are strongly recommended.</strong></td>
<td>In consultation with an academic advisor, MA2500 is strongly recommended.</td>
</tr>
</tbody>
</table>
**Sample Course Sequence By Major**

<table>
<thead>
<tr>
<th>Term</th>
<th>Mathematics Major</th>
<th>Mathematics Education Major</th>
<th>Computer and Information Science Major</th>
<th>Management Information Systems Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MA2090 (GE7B)</td>
<td>MA2030 MA2310</td>
<td>MA2090</td>
<td>PE2420 MA2090</td>
</tr>
<tr>
<td>2</td>
<td>MA2030 MA2310 CS2510</td>
<td>MA2320 MA3030</td>
<td>CS2510 MA2310</td>
<td>PE2430 CS2610</td>
</tr>
<tr>
<td>3</td>
<td>MA2320 MA3160</td>
<td>MA2500 (GE 3A) MA3160 CS2510 ED3900</td>
<td>CS2511 CS3620 MA2030</td>
<td>BU3502 MA2030 OR MA2300 CS3611</td>
</tr>
<tr>
<td>4</td>
<td>MA3030 (elective) MA3330</td>
<td>MA3210 MA3330 ED4742</td>
<td>CS3810 CS3910 MA3030</td>
<td>BU3511 CS3410 MA2000 OR MA3210</td>
</tr>
<tr>
<td>5</td>
<td>MA3210 MA2500 (GE 3A) MA5120</td>
<td>MA4510 MA5320 ED3820</td>
<td>CS4501 CS4550 MA3210</td>
<td>BU3800 CS4550</td>
</tr>
<tr>
<td>6</td>
<td>MA4360</td>
<td>MA3180 MA3120 ED4230 ED4660</td>
<td>CS4100 CS5710</td>
<td>CS4100 CS5710</td>
</tr>
<tr>
<td>7</td>
<td>MA5320</td>
<td>ED4082 ED5901</td>
<td>CS4720 (elective) CS5720 (elective)</td>
<td>BU4762 CS5551</td>
</tr>
<tr>
<td>8</td>
<td>MA4510 (elective)</td>
<td>ED5900</td>
<td>CS5610 (elective) CS5910</td>
<td>CS5910</td>
</tr>
</tbody>
</table>

**Mathematics Minor**
Refer to page 124 for information on the minor in Mathematics.

**Double Majors in Middle Childhood and Adolescence Education Option**
Special Notes: Consult School of Education for admission to the program and other requirements.

1. Minimum grade C or higher is required for all content courses.
2. Major Mathematics Requirements:
   - MA2030, MA2310, MA2320, MA3030, MA3160, MA3180*, MA3210, MA3330, MA4510, MA5120, MA5320, CS2510.
   - *Students who pass a placement test may substitute an elective for MA3180. Contact the Mathematics Education Coordinator for details.
3. Major Elective Math/CIS Courses from CS2511, CS3810, CS4501 or any Mathematics courses at or above the 4000 level.
4. MA2500 and an additional course from GE Domain 3A are strongly recommended.

**Individual Evaluation for Teacher Certification**
A person who has already earned an undergraduate degree and who wishes to become a mathematics teacher need not complete a second undergraduate degree to earn a teaching certificate. The New York State Education Department (SED) has a process called “Individual Evaluation” whereby such a person can become certified by completing supplemental coursework and examinations. The coursework includes Mathematics and Education courses and may be completed at a variety of colleges, including Old Westbury. For more information on the individual certification process, please visit the SED website, [http://www.nysed.gov/](http://www.nysed.gov/).

The interested individual will find that the program requires a set number of credit hours in mathematics courses, but does not specify which courses students should take. However, in order to insure success in the certification examinations, once should choose appropriate Mathematics courses. The Old Westbury Math/CIS Department offers courses that will be useful to those seeking certification and, although not directly involved in the process of individual evaluation, offers assistance in choosing courses.
Media and Communications
(American Studies Department)

Distinguished Teaching Professor: Rosalyn Baxandall, Chair

The major in Media and Communications provides students with a broad-based education emphasizing theoretical, historical and experiential learning in an interdisciplinary context.

The Media and Communications major is located within the American Studies Department and its curriculum is designed to give students a grounding in the economic, political, social, and intellectual history of the U.S. A wide variety of courses is offered both on theoretical and practical levels, in communications and all varieties of media including radio and TV, newspapers, and interactive media. The aim is to enable students to develop strong writing, reporting and other communications skills. Furthermore, the goal is to assist students in developing a critical view of the role and dynamics of media in contemporary American society.

Students gain practical experience through internships in a variety of fields. They intern in media organizations ranging from television and radio stations to newspapers and magazines - throughout Long Island and the New York Metropolitan Area. This major is appropriate for students interested in careers in media. It also serves as a foundation for students who want to do graduate work in media studies, journalism and communications.

Requirements for a Bachelor of Arts (B.A.) Degree in Media and Communications
(120 credits, 90 credits in liberal arts)

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements
There are fourteen courses totaling 56 credits which include:

1. Knowledge of American Society (8 credits)
   - AS3112-AS3122 The American People I and II
   Note: These courses should be taken as early as possible and, in no case, later than the junior year.

2. Critical Understanding of the Media (12 credits)
   Three of the following:
   - AS2652 Media Studies
   - AS2700 The Engaged Eye
   - AS3632 History of U.S. Film
   - AS3712 American Film Genres
   - AS3722 History of Mass Media
   - AS3732 Politics of Media
   - AS3742 Myths and Images in Film
   - AS3810 Popular Music and Radio in America
   - AS3842 African-Americans and 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
   - AS4850 Digital Revolution
   - AS4862 The Journalist as Creative Writer
   - SY4651 Sociology of Communications and Media

3. Writing, Analysis and Research (12 credits)
   - AS2802 Introduction to Journalism and Media
   - AS3800 Writing for Media
   - AS4802 Investigative Reporting

4. Media Production (12 credits)
   Two courses in one track and one in any track

   Print Track
   Good writing is essential in all media. The following courses offer a variety of approaches to writing and reporting across the media and in areas of specialized coverage. Several courses examine the history of American journalism.
   - AS3792 Making a Magazine
   - AS4140 Journalism in Action
   - AS4200 Environmental Journalism
   - AS4812 Writing for Electronic Media
   - AS4822 Newswriting
   - AS4825 Making a Newspaper
   - AS4862 The Journalist as Creative Writer
   - VA4242 Desktop Publishing
   - VA4262 Web Design

   Radio Track
   The following sequence of radio production and programming courses will prepare students for a career in the growing field of radio broadcasting and new media audio production. Students will learn the basic writing, production, editing, and programming skills necessary for a successful entry into the world of radio.
   - AS3820 Radio Production and Editing
   - AS3822 TV and Radio Journalism
   - AS4145 Radio in Action
   - AS4150 Radio on the Air
   - AS4260 New Media Newsroom
   - AS4882 Radio Reporting

   Video and Television Track
   Video
   Digital Video is increasingly important to new media, television, and documentary production. Students will learn the essential tools and techniques of digital video directing,
production, and editing. They will learn to be critical viewers as well as creative producers of artistic and documentary video.

AS4245 Video Tools and Technology
AS4247 Video Production in the Field
AS4852 Documentary Production
VA3380 Digital Video
VA3400 Digital Imaging

Television
Television is a powerful form of media. Students will learn the basics of television. Good television is dependent on good writing. Through the use of the college’s campus TV facilities, students work on mastering the equipment necessary to produce television and preparing for careers in television.

AS3822 TV and Radio Journalism
AS4135 TV in Action
AS4255 TV Studio Production
AS4842 TV Journalism: Electronic News Gathering
AS4870 TV Production and Editing
VA2400 Intro to Photography I
VA4880 Advanced TV Production and Editing

New Media Track
New media and digital networking have revolutionized the media. The following sequence of courses will prepare students to enter the world of interactive media. These courses emphasize the writing, production and creative skills necessary to participate in the digital age.

AS2020 New Media CE
AS3792 Making a Magazine
AS4155 New Media in Action
AS4260 New Media Newsroom
AS4815 Writing for Electronic Media
AS4850 Digital Revolution
VA2400 Introduction to Photography
VA3380 Digital Video
VA4400 Digital Imaging
VA4242 Print Design
VA4262 Web Design

5. Internship (4 credits)
Students may take up to twelve credits in internships, but only four credits count toward the major. Students may take an internship off campus, but may also take an internship on campus at OWWR (Old Westbury Radio Station), The Catalyst (school newspaper) or TV studio.

AS4832 Internship in Journalism OR
AS2812 Community Journalism Internship

6. Capping Courses (8 credits)
Two of the following (Senior Level):

AS5000 The US in World and Multicultural Perspective
AS5112 American Voices
AS5212 Narrative and History
AS5312 History of US Culture

AS5412 Protest and Change
AS5420 Propaganda & Mass Persuasion
AS5712 Mass Media and Popular Culture
AS5800 Research in American History and Culture

7. Portfolio Recommended
Students are encouraged to collect and preserve their work in various media production courses in order to prepare for a career.

Program Policies:
1. All Media and Communications majors must see an adviser at least once a semester.
2. Only one grade of D+, D or D- will be accepted toward the major.
3. A minimum grade of B- must be achieved in one 5000 level course.
4. Only two 1000 or 2000 level courses will be counted toward the major.
5. In order to qualify for independent study, students must have sophomore standing and a B (3.0) average. Only four credits of independent study will be counted toward the major.
6. Only four credits of internship can be applied toward the major. Students can take up to twelve credits which will be counted toward graduation, but only four will be applied toward the major. Students must see an adviser to plan their internship.
7. Only three courses can be transferred from another college or university and accepted for credit toward the major.
8. Transfer credit can be given for either American People I or II, not both.
9. Students in general should not assume that 4000 and 5000 level courses will be taught during the summer sessions; however, internships are usually offered during the summer.
10. All students in their junior year should make an appointment with the Chair or Elizabeth Ewen to make sure that they can graduate.
The Modern Languages Department offers a course of study leading to a Bachelor of Arts degree (B.A.) in Spanish Language, Hispanic Literature and Culture. In addition, Modern Languages has established close ties with the School of Education to prepare students for careers as foreign language (Spanish) teachers. Students may earn initial certification in the teaching of Spanish (Grades 5-9 and 7-12). It is also possible to obtain a non-teaching certificate and a minor in Spanish. Both of these options offer effective marketable skills that are in high demand in teaching and business careers, particularly in today's multilingual and global economies. The Modern Languages Department is designed to serve the following groups:

- Students who are interested in acquiring communication skills in Spanish, French, Italian, Chinese, Arabic and American Sign Language
- Students who wish to major in Spanish Language, Hispanic Literature and Culture
- Modern Languages majors seeking to obtain initial certification to teach Spanish at the middle and senior high school levels
- Transfer students with an associate degree who wish to achieve a higher level of proficiency in Spanish and gain communication skills in the other languages offered by the Department.

**Departmental Objectives**

Interrelated objectives of the ML department are to:

- Assist students in mastering communication skills in all the aforementioned foreign languages and, concurrently, in developing an understanding of the cultural roots of those languages.
- Help students interested in pursuing graduate studies develop a sound knowledge of the language, literature and culture of Spain, Latin America and the Spanish-speaking Caribbean.

**Careers and Graduate Education**

The major equips students to pursue graduate programs in Spanish Language and Literature, and Latin American and Caribbean Studies, while the Spanish Certificate serves as evidence of language skills that are in high demand in teaching and business in today's multilingual society.

**The Spanish Club**

The Spanish Club serves as a common ground for students in the major as well as other students interested in Hispanic and Latino cultures. The club is run by the students themselves with a faculty member as advisor.

**Sigma Delta Pi**

Sigma Delta Pi is a national honor society in Spanish. It honors those who seek to attain excellence in the study of Spanish and the literature and culture of Spanish-speaking peoples. To be eligible for active membership, a student must be enrolled in junior-level courses in Hispanic literature or Hispanic Culture and Civilization. Those students enrolled in these courses are eligible for membership if their instructors certify that their work is B quality or better. They must have completed at least three semesters of college work, be in good standing, be genuinely interested in Hispanic culture, have a minimum grade point average of 3.00 in Spanish, and rank in the upper 35 percent of his/her class or have a minimum cumulative grade point average of 3.00. For more information, access their website at www.sigmadeltapi.org.

**The Hispanic/Latino Cultural Center**

Founded in 2003 by the faculty of the College's Humanities & Languages Department, the Hispanic/Latino Cultural Center at SUNY College at Old Westbury celebrates the entire Spanish-speaking world including its Hispanic, Amerindian and African heritages. The Center serves the metropolitan New York area by presenting theatrical events, art exhibits, concerts, and educational forums geared towards improving the overall understanding, among people from all walks of life, of the contribution to world culture made by the men and women of Hispanic/Latino heritage.
Internships and Study Abroad

To help students explore career possibilities, the department has made arrangements for its students to assume internships for academic credit. Recent examples of internship sponsors include the Hispanic/Latino Cultural Center, community service agencies, the Nassau County Department of Assessment, and the Women’s Sport Foundation. Contact the Chair well before the semester begins to apply for a Modern Languages Department internship.

Study Abroad programs in Spain, China and Puerto Rico are available, along with scholarship assistance.

Evening Students

While several upper level courses are offered during the evening, at this time it is not possible to earn the B.A. degree in Spanish Language, Hispanic Literature and Culture by attending classes exclusively in the evening.

Transfer Students

Transfer students may be able to substitute courses taken elsewhere for the Department’s required courses.

Up to three course substitutions may be possible for the degree in Spanish Language, Hispanic Literature and Culture. Consult the “Transfer of Credit Matrix” or “Articulation Agreement” for specific course equivalents for local community colleges.

Transfer students who wish to obtain a B.A. degree in Spanish language, Hispanic Literature and Culture must complete the 24-28 credits of upper-division coursework at SUNY College at Old Westbury.

Upon entry, students should present their transcripts to the department for evaluation.

Requirements for Certificate in Spanish

All students who wish to receive a non-teaching certificate in Spanish must complete 20 Modern Languages credits with a grade point average of 2.30 (C+). The 20 credits must consist of five courses taught in Spanish. Candidates for the non-teaching certificate must obtain a Modern Languages faculty advisor.

Requirements for a Bachelor of Arts Degree in Spanish Language, Hispanic Literature and Culture

Majors must complete 44 credits in Spanish Language, Hispanic Literature and Culture. Students may choose between two options. Option I is for students interested in language acquisition and Hispanic culture and civilization. Option II is for students interested in Hispanic literature, culture and civilization.

Spanish Language, Hispanic Literature and Culture majors must maintain a minimum grade point average within the major of 2.30 (C+). Only courses with grades of C or better count towards the credits required for the major.

Option I: Language and Culture

| A. General Education: | Refer to the General Education Bulletin for specific requirements |
| B. Core Requirements: | 20 Credits |
| ML2100 Intermediate Spanish I | 4 |
| ML2110 Intermediate Spanish II OR 4 |
| ML2115 Business Spanish | 4 |
| ML3100 Intensive Spanish Conversation and Composition | 4 |
| ML3110 Advanced Spanish Conversation and Composition for Non Native Speakers | 4 |
| And one of the following by advisement: | |
| ML3250 Spanish Linguistics | 4 |
| ML3200 Translation Workshop | 4 |
| C. Major Requirements: 24 credits | |
| 1. ML3500 Critical Writing and Textual Analysis | 4 |
| ML3600 Introduction to the Study of Hispanic Literature | 4 |
| ML4540 Latin American Culture & Literature: From the European Conquest to Independence OR 4 |
| ML4545 Civilization & Culture of Latin America | 4 |

And one of the following by advisement:

- ML4100 The Spanish Golden Age 4
- ML4500 Culture and Literature of Spain 4
- ML4510 Civilization and Culture of Spain 4

2. Two of the following courses by advisement:

- ML3300 Artistic Expressions of Spain 4
- ML4100 Latino Writers in the US 4
- ***ML3880 Masterpieces of Hispanic Literature 4
- ML4000 Spanish Pronunciation 4
- ML4325 Contemporary Theatre of the Hispanic World 4
- ML4350 Recurrent Themes in Latin American Painting and Literature 4
- ML4450 Hispanic Women Writers 4
- ML4520 Culture and Literature of the Spanish Caribbean 4
- ***ML/EL4630 Latin American Literature 4
- ML4700 Studies in Spanish Literature of the Nineteenth and Twentieth Centuries 4
- ML4750 Fiction into Film: the Spanish and Latin American Cinema 4
- ML4800 From Modernism to Contemporary Latin American Literature 4
ML5400 Contemporary Literary Theory and Its Applications 4
ML5450 Major Trends in Latin American Thought 4
ML5650 Contemporary Latin American Narrative 4

D. General Electives
In consultation with Academic Advisor

TOTAL CREDITS REQUIRED 120

Option II: Literature and Culture

A. General Education:
Refer to the General Education Bulletin for specific requirements

B. Core Requirements: 24 Credits
ML3100 Intensive Spanish Conversation and Composition 4

AND/OR
ML3362 Advanced Spanish Grammar and Composition For Native Speakers 4

AND
ML3200 Translation Workshop 4
OR
ML3250 Fundamentals of Spanish Linguistics 4

AND
ML3500 Critical Writing and Textual Analysis 4
ML3600 Introduction to the Study of Hispanic Literature 4
ML4540 Latin American Culture & Literature: From the European Conquest to Independence 4

OR
*ML4545 Civilization and Culture of Latin America

AND
ML4100 The Spanish Golden Age 4
OR
ML4500 Culture and Literature of Spain 4
OR
*ML4510 Civilization and Culture of Spain 4

C. Major Requirements: 20 credits
1. Three of the following by advisement:
   ML3300 Artistic Expressions of Spain 4
   **ML3410 Latino Writer in the United States 4
   **ML3880 Masterpieces of Hispanic Literature 4
   ML4325 Contemporary Theater of the Hispanic World 4
   ML4350 Recurrent Themes in Latin American Painting and Literature 4
   ML4450 Hispanic Women Writers 4
   ML4520 Culture and Literature of the Spanish Caribbean 4
   **ML/EL4630 Latin American Literature 4
   ML4700 Studies in Spanish Literature of the Nineteenth and Twentieth Centuries 4
   ML4750 Fiction Into Film: the Spanish and Latin American Cinema 4
   ML4800 From Modernism to Contemporary Latin American Literature 4

2. One of the following 5000-level courses:
   ML5400 Contemporary Literary Theory and Its Applications 4
   ML5450 Major Trends in Latin American Thought 4
   ML5650 Contemporary Latin American Narrative 4
   3. ML5900 Senior Seminar*** 4

Note:
* Majors can only take ONE course in this category.
** These courses are taught in English. Majors can only take ONE course in this category.
*** Majors may choose to take an additional 4000 or 5000-level course instead of completing a senior seminar. Majors must apply to receive the approval of a Modern Languages faculty advisor one semester in advance of registering for the Senior Seminar

D. General Electives
In consultation with Academic Advisor

TOTAL CREDITS REQUIRED 120
Politics, Economics and Law (PEL), formerly Politics, Economics, and Society, is an interdisciplinary department in the social sciences with a national and international focus. Students majoring in PEL earn a Bachelor of Arts (B.A.) degree. Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees in Industrial and Labor Relations are also offered by the PEL department. (See page 74). PEL has upper division concentrations in politics and law, economics, political economy, public policy and global studies.

The PEL department provides a rigorous and integrated preparation in the social sciences for students who intend to enter graduate or law school; for students who plan to seek employment in government, business, social services, and human rights and political organizations.

The PEL curriculum has various objectives: to introduce students to the disciplines of political science, political economy and economics and to examine how these different areas intersect to shape U.S. and international law, institutions, and policies. Such a course of study provides the student with a strong background in the historical development of corporations, social welfare policies, labor organizations, and civil liberties and civil rights movements.

PEL also provides students with an opportunity to develop an international perspective in the study of politics and economics - a vantage point vital in the new global marketplace. The department takes a comparative approach to the study of different societies and to the relations among them, with particular emphasis on the developing nations and globalization. The global component focuses on issues such as international trade, foreign debt, economic inequality, transnational political and social movements, environmental concerns and international institutions.

Internships
PEL students are encouraged to gain practical experience by undertaking an internship as part of their course of study. Among the internships students have successfully completed are:

- Washington Semester Internship
- New York State Senate and Assembly
- Office of the County District Attorney
- New York City Summer Internship
- County Legislature
- Political Campaigns – U.S. Senate to County Legislature
- New York Public Interest Research Group
- Private Law and Financial Firms
- Nonprofit Organizations

Pre Law Center
The Pre Law Center offers information and resources on law schools, the law school admission process, and law-related careers. Specifically, The Pre Law Center has:

1) timetables describing what one needs to do, when, and how, to apply to law schools
2) materials on preparing for the LSAT and free practice LSATs, usually once per semester
3) admission, financial aid, and other information on every law school in the U.S.
4) tips for, and editing of, your personal statement and information on financial aid for law schools
5) an advisor to keep you on track in the application process
6) informational and networking events with those in the legal profession, and with other prelaw students
7) internships, some in conjunction with CSTEP
8) guidance on career opportunities in law

Careers
PEL graduates have pursued graduate studies in the social sciences and applied social sciences such as public administration, social work, urban studies, public policy and international relations. They have gone on to have careers in law, diplomacy, education, business, finance and public service in community agencies as well as county and state government.
A maximum of five courses may be transferred from an accredited institution toward the PEL major, and a maximum of two of the five may count as upper division electives. A transferred two course sequence offering two credits per course is equivalent to one course in the major.

**Evening Students**
The PEL department offers required and elective courses on a rotating basis from 4:40 p.m. to 10:00 p.m. to accommodate evening students. However, evening majors should note that completion of their degrees may take longer than normal.

**Bachelor of Arts (B.A.) Degree in Politics, Economics & Law**
The core of the curriculum in this major consists of a sequence of required courses designed to provide students with the analytical, conceptual, theoretical and methodological tools for studying contemporary national and international problems.

### Requirements for a B.A. Degree in Politics, Economics & Law
A student wishing to graduate with a major in PEL must complete 120 credits overall including a minimum of 90 liberal arts credits, fulfillment of the General Education requirement (Refer to the General Education Bulletin for specific requirements.) and 52 credits, or 13 courses, as listed below.

1. **One of the following:**
   - PE2420 Principles of Microeconomics 4
   - PE2430 Principles of Macroeconomics 4

2. **One of the following:**
   - PE2300 Introduction to Law 4
   - PE2650 Introduction to U.S. Politics 4

3. **One of the following:**
   - PE2220 Introduction to Urban Issues 4
   - IR2210 Introduction to Labor Relations 4

4. An additional course from 1., 2., or 3.

5. **One of the following:**
   - PE3100 International Relations 4
   - PE3600 World Geography: People, Places and Environments 4

6. **PE3400 Political Economy of the Third World 4**
7. **PE3410 U.S. Political Economy 4**
8. **One of the following:**
   - PE4320 Jurisprudence: Legal Thought
   - PE4470 History of Economic Thought 4
   - PE4620 Political and Social Thought 4

9. **One of the following:**
   - PE4580 Origins of the Capitalist Economy 4
   - PE4590 Global Economy in the 20th Century 4

10-13. Four additional upper-division PEL courses (3000-level and above), at least two of which must be at the 4000-level

### Competency requirement in the major
In order to graduate with a B.A. degree in Politics, Economics and Law, a student may receive no grade lower than a C- in courses applied toward the major.

**Upper Division Electives**
Students are expected to work closely with their faculty advisor in choosing their upper division electives in the major. The objective is to select courses that are related to each student’s area of interest.

**Minors**
The PEL department co-sponsors three minors with other departments in the School of Arts and Sciences. Also, it offers a minor in Industrial and Labor Relations. The specific minors offered by the PEL department are:

- Global Studies
- Industrial and Labor Relations
- Pre-Law
- Public Policy

For specific requirements, please refer to pages 119-130.
Global Studies Minor
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 international and regional courses offered in English, History, and Philosophy and Politics, Economics and Law. History and Philosophy contributes courses in history, literature and culture (a cross-cultural course from Sociology is also included), and Politics, Economics and Law in politics, international relations, economics, political economy and economic history. The second option incorporates foreign language courses from Modern Languages. School of Education candidates for New York State secondary school certification will find this minor helpful.

Industrial and Labor Relations Minor
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.

Pre-Law Minor
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, American Studies, Comparative Humanities, Politics, Economics and Law and Sociology majors opting for the pre-law minor must choose courses offered by departments other than their own. Majors in all other academic departments have a free choice of courses within various categories.

Public Policy Minor
The Public Policy minor is useful to students in all academic majors as well as to those who wish to pursue graduate studies in fields such as public affairs, public administration, urban and suburban planning, and policy analysis. The minor is particularly valuable to students in the School of Education who are interested in pursuing New York State secondary school certification in social studies.
The Psychology department provides students with a background in the major areas of expertise within the modern discipline of psychology. A major in psychology leads to the Bachelor of Arts (B.A.) degree. Completion of requirements for a Bachelor's degree in Psychology ensures that students have been given an extensive background in research methods and have been introduced to the basic areas of specialization within psychology. To this end, the curriculum is designed around a set of required courses called The Core which includes Introduction to Psychology, a sequence of three Research Methods courses; Field Research and a Senior Seminar in a specialized area of interest. In addition to these core courses, students choose five electives: one from a group of Platform courses; one from each of three groups of courses covering three broad areas of subject matter: Group A: physiological and cognitive psychology; Group B: clinical, developmental, and social psychology; and Group C: diversity and social justice; and one additional elective from any of the three groups. In selecting courses beyond the required core, students enrich the scope of their knowledge, and are able to prepare for employment or advancement in a way that matches their particular interests, abilities, and occupational goals. While some students begin employment with a Bachelor’s degree, in order to advance professionally, many students go on to pursue graduate degrees in psychology or social work. The program provides majors with a strong background for entering graduate studies in many related fields of human service. In selecting courses beyond the required core, students enrich the scope of their knowledge and are able to prepare for employment or advancement in a way that matches their particular interests, abilities and occupational goals. While some students enter employment with a Bachelor’s degree, in order to advance professionally, many students go on for graduate degrees in psychology or social work. The program provides majors with a strong background for entering graduate studies in many related fields of human service.

Requirements for a Bachelor of Arts (B.A.) Degree in Psychology

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Core Requirements 44 credits
1. PY2010 Introduction to Psychology;
2. PY3110 Research Methods I: (Orientation);
3. PY3120 Research Methods II: (Statistics);
4. PY4100 Research Methods III (Advanced Research Skills);
5. PY4130 Field Experience and Research;
6. One 5000 level Senior Seminar (Note: All 5000 level courses meet this requirement);

C. Five Electives
1. One Platform elective chosen from the following:
   PY 3210 Infancy & Early Childhood
   PY 4220 Middle Childhood & Adolescence
   PY 3310 Abnormal Human Behavior
   PY 3410 Cognitive Psychology
   PY 3510 Social Psychology
   PY 3610 Brain & Behavior
   PY 4310 Theories of Personality
   2. One Group A elective (Cognitive & Physiological Psychology)
   3. One Group B elective (Clinical, Developmental, & Social Psychology)
   4. One Group C elective (Diversity & Social Justice)
   5. A 5th psychology elective from Groups A, B, or C.
      (Note: Only one 2000-level course will be accepted in fulfillment of the psychology elective requirement.)

D. Minimum GPA
A grade of C or better in each of the following courses:
Introductory Psychology, Research Methods I, II, and III; Field Experience & Research; Senior Seminar; and one course each from Groups A, B, and C
OR
A cumulative grade point average of 2.5 in all 11 courses required for the major.

E. College-Wide (Free) Electives

TOTAL CREDITS REQUIRED: 120
## Requirements for a Bachelor of Science Degree (B.S.) in Psychology

Students who want to receive a Bachelor of Science degree must have their program approved by a Psychology advisor no later than the end of the first half of their junior year.

In order to receive a Bachelor of Science degree (B.S.) a student must fulfill all the requirements for the B.A. and in addition must complete the following:

a. Math at the pre-calculus level or higher (currently MA2090)

b. Two years (i.e., 4 semesters) of science courses (Biology, Chemistry, and Physics) with laboratory, e.g. Biology I & II with lab and Chemistry I & II with lab.

### Group A Electives

#### Cognitive
- PY3410 Cognitive Psychology
- PY3420 Learning & Motivation
- PY4410 Educational Psychology

**Senior Seminar:**
- PY5410 Psychology of Language

#### Physiological
- PY3610 Brain & Behavior
- PY3620 Mood, Mentation and Medication
- PY4230 Psychobiology of Aging
- PY4610 Clinical Neuropsychology

**Senior Seminar:**
- PY5610 Research Perspectives in Neuropsychology

### Group B Electives

#### Clinical
- PY3310 Abnormal Human Behavior
- PY3320 Peer Counseling
- PY3330 Psychology of Addictions
- PY3530 Forensic Psychology
- PY4310 Theories of Personality
- PY4320 Counseling Psychology
- PY4330 Behavior Modification
- PY4340 Tests & Measurements
- PY4520 Family Dynamics

**Senior Seminar:**
- PY5310 Approaches to Psychotherapy
- PY5320 Approaches to Clinical Psychology

#### Developmental
- PY3210 Infancy & Childhood
- PY3230 Adulthood & Aging
- PY3240 Early Childhood Practicum
- PY4210 The Exceptional Child
- PY4220 Middle Childhood & Adolescence

**Senior Seminar:**
- PY5210 Topics in Developmental Psychology

### Group C Electives

#### Diversity & Social Justice
- PY2340 Community Psychology
- PY2530 Psychology of Prejudice
- PY2720 Psychology of Gender
- PY2730 Psychology of Peoples of African Descent in the U.S.
- PY3740 Psychology of Latinos
- PY4720 Psychology of Women
- PY4730 African-American Family Dynamics

**Senior Seminar:**
- PY5770 Cross-Cultural Psychology

#### Social
- PY3510 Social Psychology
- PY3520 Group Process
- PY3540 Environmental Psychology
- PY3550 Social Psychology of Work
- PY4010 History of Psychology
- PY4020 Health Psychology
- PY4350 Psychology of Violence
- PY4560 Psychological Traumatization

**Senior Seminar:**
- PY5330 Topics in Personality Theory
- PY5510 Advanced Issues in Social Psychology
- PY5520 Families & Public Policy
Declaring a Major

1. Students must make an appointment with a Psychology advisor.
2. Students must bring a transcript of all courses taken at Old Westbury and elsewhere.
3. Students with fewer than 57 credits must have received a C or better in PY2010 Introduction to Psychology to declare a major.
4. Students with 57 credits or more who have not taken PY2010 Introduction to Psychology or have not received a C or better will be allowed to declare but their continuation will be contingent on taking or retaking the course and receiving a C or better.

Evening Students

The Psychology program offers the core required courses and electives in the evening on a rotating basis. However, completion of the major typically takes longer for evening students.

Transfer Students

General Guidelines

1. The transfer student must complete 42 credits in psychology, including transfer and Old Westbury credits, to complete the major (students should check with their advisor for details of actual requirements).
2. A maximum of 18 credits can be credited toward the major from other accredited college experience. Additional psychology credits can count toward the baccalaureate degree but not toward the major requirement.
3. Courses will be transferred based upon the number of credits earned at the previous institution, even though a similar course at Old Westbury earns fewer or more credits.
4. Research Methods II: Statistics (PY3120) is a requirement for all majors. It may be met by transfer if the course taken was an introductory course in Psychological Statistics having an equivalent curriculum. If the course was taken in another discipline (Math, Business, etc.), students may take a placement examination. Upon passing, the requirement will be waived (consult with the instructor of statistics). Students who completed Psychological Statistics more than seven years ago and/or whose background is weak, must consult an advisor about repeating the course.

Specific Procedures

Transfer students who wish to receive transfer credit in the major for psychology courses completed at other institutions must submit a catalogue course description and a transcript of all psychology courses for which transfer credit is sought to a psychology faculty...
SOCIOMETRY

Professor:  Gilda Zwerman
Associate Professors: Jacob Heller, Chair; Eileen Landy (on leave), Diana Papademas, George Snedeker, Naintara Vaid
Assistant Professors: Carla Barrett, Lee Blackstone, Trevor Milton, Ryoko Yamamoto
Visiting Assistant Professor: Mary Ann Caputo

The Department of Sociology offers two majors in sociology leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) Degree and in Criminology leading to a Bachelor of Science (B.S.) Degree.

The Department serves all students interested in acquiring sociological knowledge. Most courses are open to both majors and non-majors. The sociological perspective offers students an understanding of the dynamics, principles and patterns that govern human interaction and social structure. At Old Westbury, students will learn the substantive knowledge, theories and methods of the discipline. Students exposed to sociology or criminology in this way are able to work independently to increase and clarify their understanding of social life.

THE SOCIOLOGY MAJOR
The Sociology Major has four components.

• Basic courses provide students who have no training in sociology with a general introduction to the discipline.
• Foundation courses provide necessary grounding in sociological theory, analysis and methods.
• Elective courses chosen by majors allow students to delve more deeply in specific areas. (These courses are open to non-majors as well.)
• The senior seminar capping course requires all majors to conduct an original primary research project and complete a senior thesis.

Evening Students
The Department offers a full-time major for day and evening students. Students who plan to earn a B.A. or B.S. degree in Sociology by attending only evening classes should expect to spend three or more additional years.

Graduate School Preparation
The major in sociology prepares students for a wide variety of graduate and professional programs, including Social Work, Social Policy and Law as well as graduate study leading to the Ph.D. Students intending to pursue graduate education should consult a faculty advisor.

Course Recommendations
The Department of Sociology recognizes that students will benefit from taking a broad range of liberal arts classes outside the major – from courses in the fine arts or literature to biological sciences or mathematics. Specifically, the Department recommends students consider courses in psychology, economics, philosophy, political science and history as a supplement to required courses.

Students interested in graduate school or future research occupations are encouraged to take courses in social statistics and the use of computers. The department strongly recommends that students who plan to pursue client-oriented professional work (e.g., social work, law, journalism) take courses to become proficient in Spanish, or another foreign language.

NOTE: None of these courses are prerequisites for sociology majors; they are courses that will give students a useful background for the major.

Requirements for a Bachelor of Arts (B.A.) Degree or Bachelor of Science (B.S.) Degree in Sociology
Total credits required: 120 (90 credits of liberal arts are required for the B.A. degree; 60 credits of liberal arts are required for the B.S. degree.) A minimum grade of C or higher is required for all courses counted toward the major.

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements: 40 credits
In addition to college-wide requirements, students majoring in sociology must pass a minimum of ten courses, each with a grade of C or better. The specific course requirements for the major are:

1. SY2500 Introductory Sociology  4 credits
2. Four Sociological Foundation courses:
   SY4500 Cross Cultural Analysis
   SY4520 Methods of Sociological Research

92
SY4530 Sociological Theory I
SY4540 Sociological Theory II

**NOTE:** SY4530 Sociological Theory I must be successfully completed before enrolling in SY4540 Sociological Theory II.

3. Four elective courses from the following list to be selected in consultation with a faculty advisor. At least two of these four elective courses must be at the 4000-level. (16 credits)

SY2570 Statistics for Social Sciences
SY3550 Social Problems
SY3600 Social Deviance
SY3630 Political Sociology
SY3700 Family and Society
SY3800 Sociology of Minorities
SY4060 Poverty and Social Welfare
SY4160 Sociology of Culture
SY4260 Social Work: Theory and Practice
SY4270 Internship in Social Work, Sociology and Criminology
SY4280 Social Inequality
SY4320 Population and Society
SY4400 Social Psychology
SY4560 Field Research
SY4570 Computers and Social Statistics
SY4600 Social Programs, Planning and Policy
SY4651 Sociology of Communications and Media
SY4700 Sociology of Education
SY4750 Medical Sociology
SY4810 Law and Justice
SY4850 Urban and Suburban Sociology
SY4900 Social Movements
SY4999 Issues in Sociology
CR3090 Juvenile Delinquency
CR3200 Crime, Media and Culture
CR4000 Gender, Crime and Justice
CR4091 Punishment and Corrections
CR4092 Victimology
CR4093 Criminal Justice Administration
CR4094 Drugs and Society
CR4099 Sociology of Violence
CR4999 Issues in Criminology

4. SY5990 Senior Seminar

**NOTE:** SY4520 Methods of Sociological Research, SY4530 Sociological Theory I and one other foundation course must be successfully completed before enrolling in SY5990 Senior Seminar.

**C. General Electives**

In consultation with an academic advisor

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**Transfer Students**

The Sociology Department permits the application of transfer credits toward the major with these limitations:

1. Introductory Sociology may be transferred.
2. Up to two additional courses may be transferred toward the requirements of the major, one of which may be a foundation course if passed with a grade of B+ or better at an accredited four-year college or university.
   a. they may be drawn from the courses approved in articulation agreements with other colleges;
   b. they may be drawn from courses taken at other colleges, provided they have been reviewed and approved by a Sociology faculty member.

Requests for exceptions will be considered in accordance with established department policies and procedures.

**Special Requirements**

Senior standing in sociology (which must be certified by the student’s advisor) requires a student to have:

1. accumulated 88 credits (including transfer credits);
2. satisfied the College-wide requirements of mastery in English and computational skills;
3. passed two of the four 4000-level foundation courses (i.e., SY4500, SY4520, SY4530, SY4540) and at least one 4000-level elective.

To enroll in the Senior Seminar (SY5990), students must have attained senior standing as majors in sociology, and have successfully completed SY4520 Methods of Sociological Research, SY4530 Sociological Theory I and one additional foundation course.

**THE CRIMINOLOGY MAJOR**

The Criminology major is offered by the Sociology Department and draws extensively from sociology. The major in criminology leads to the Bachelor of Science (B.S.) degree.

The Major offers students an understanding of crime and delinquency and evaluates the utility of various crime control methods, including legislative policies, policing, incarcerations, as well as preventive and restorative solutions. It is highly relevant to those seeking to advance in the fields of law enforcement, corrections, law and intelligence.
Requirements for a Bachelor of Science (B.S.) Degree in Criminology

A total of 120 credits is required for the B.S. degree, including a minimum of 60 credits of liberal arts. A minimum grade of C or higher is required for all courses counted toward the major.

A. General Education
   Refer to the General Education Bulletin for specific requirements.

B. Major Requirements: 40 credits
   1. Introductory Courses (2 courses) 8 credits
      SY2500 Introductory Sociology
      CR2500 Introduction to Criminology
   2. Foundation Courses (4 courses) 16 credits
      SY4500 Cross Cultural Analysis
      SY4520 Methods of Sociological Research
      SY4530 Sociological Theory I
      CR4550 Theories of Crime
      NOTE: SY4530 Sociological Theory I must be successfully completed before enrolling in CR 4550 Theories of Crime.
   3. Elective Courses (3 courses) 12 credits
      CR3200 Crime, Media and Culture
      CR3090 Juvenile Delinquency
      CR4000 Gender, Crime and Justice
      CR4091 Punishment and Corrections
      CR4092 Victimology
      CR4093 Criminal Justice Administration
      CR4094 Drugs and Society
      CR4099 Sociology of Violence
      CR4999 Issues in Criminology
      SY2570 Statistics for Social Sciences
      SY3600 Social Deviance
      SY4270 Internship in Social Work, Sociology and Criminology
      SY4570 Computers and Social Statistics
      SY4810 Law and Justice
   4. The Capping Course 4 credits
      SY5990 Senior Seminar
      NOTE: SY4520 Methods of Sociological Research, SY4530 Sociological Theory I and one other Foundation Course must be successfully completed before enrolling in SY5990 Senior Seminar.

C. General Electives
   In consultation with an academic advisor

Evening Students
While some courses may be offered in the evening, the full array of courses will only be available during the day. The major cannot, at this time, be completed in the evening.

Transfer Students
The Sociology Department permits the application of credits for up to three courses toward the major in Criminology with these limitations: Introductory Sociology and/or Introduction to Criminology may be transferred from colleges with which we have articulation agreements that include such an equivalent course. One additional course may be transferred to apply to the major electives, provided that it has been reviewed and deemed equivalent by a Sociology Department Faculty Advisor or students may use one transfer course to substitute for a foundation course if passed with a grade of B+ or better at an accredited four-year college or university. Exceptions to these rules will be considered in accordance with established department policies and procedures.

Special Requirements:
   Senior Standing in Criminology (which must be certified by the student's advisor) requires a student to have:
   1. accumulated 88 credits (including transfer credits);
   2. satisfied the College-wide requirements of mastery in English and computational skills;
   3. passed two of the four 4000-level foundation courses (i.e., SY4500, SY4520, SY4530, CR4550) and at least one 4000-level elective.

Social Work Minor
The interdisciplinary minor in Social Work is designed to provide a concentration for students in all academic majors who have an interest in Social Work. The minor is particularly useful to students planning a career in Social Work. The minor offers students an opportunity to study selected areas of social work. The minor requires five courses (20 credits) distributed in five clusters. A minimum of 12 credits must be taken outside the student's major. No more than one course may be transferred from another institution. Refer to Catalog section entitled “Minors” for specific requirements.
Students may earn a Bachelor of Arts degree (B.A.) in Visual Arts or a Bachelor of Science degree (B.S.) in Visual Arts: Electronic Media by completing requirements in the Visual Arts program. To be accepted as a major in the department, students must submit a Declaration of Major form and a portfolio with previous work.

The Visual Arts Program focuses on a problem and project oriented course of study. Skills are developed as students need them; thus students feel free to use and even invent media related to expressive needs. Students do not have to postpone creation until they have mastered a whole set of techniques. Students are urged to blend technical education with creative projects.

The aim of the department is to develop students’ awareness of creative processes as well as their understanding of the relationships between art and society. The program of study for majors includes the study of art history and an introduction to the practical problems associated with the pursuit of careers in art. Faculty emphasize the appropriate selection of elective courses in non-art areas. Specific courses in economics, anthropology, sociology, basic sciences, psychology and business are recommended.

The department’s course of study is divided into three levels. First, the foundation level allows students to differentiate between authentic personal decisions and those dictated by social and cultural conditions. Second, a tutorial level allows students to focus on creative problems connected with their personal decisions and to understand their relation to the decisions of others. Third, a final critical level enables students to develop a quality control for the formal solutions of the projects and to relate them to the contemporary art context.

Recognizing that not all students are interested in becoming professional artists, the program will address two tracks. The difference will be reflected in the type of internships required for each student and the preparation of a written thesis for those students in a peripheral situation in relation to art-making. For art practitioners, the Senior Project consists of an exhibit in the Amelie A. Wallace Gallery. For others, a thesis paper is required to fulfill senior project credit.

Professionally, Visual Arts graduates have chosen either to continue their education by pursuing a Master of Arts degree, or to enter directly into the work world. A sampling of careers that graduates have entered include: advertising, graphic and corporate design, interior design, typography, photography, gallery management, art therapy, publishing, television and teaching.

**B.S. Degree in Visual Arts: Electronic Media**

The goal of the B.S. degree in Visual Arts: Electronic Media is to give students the creative and technical skills needed to succeed as computer artists and designers.

Students learn to use the most relevant graphic software for print, multimedia and 3D design, as well as animation and video production. Computer software is taught as a means to explore new technology as a medium for art.

This degree produces self-motivated artists with strengths in creative vision, concept development, critical thinking and a commitment to communicating visual messages through innovative artistic expression.

Students will obtain an understanding of the principles of visual communication and a proficiency in digital production techniques. Intensive study in artistic expression, design principles, the use of graphics software and professional design practices create students who are well prepared for a wide variety of career opportunities in the design profession. This degree also allows students to pursue a career as exhibiting electronic media artists.

**Electronic Media Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>VA3380</td>
<td>Digital Video</td>
</tr>
<tr>
<td>VA3400</td>
<td>Digital Imaging</td>
</tr>
<tr>
<td>VA4242</td>
<td>Print Design</td>
</tr>
<tr>
<td>VA4265</td>
<td>3D Digital Design</td>
</tr>
<tr>
<td>VA4460</td>
<td>Digital Animation</td>
</tr>
</tbody>
</table>

**General Education Notes**

Students who are not Visual Arts majors are encouraged to take courses in art to broaden their education and strengthen their skills. Non-majors may select from the following list of Visual Arts courses in fulfilling their General Education requirements.
Evening Students
At this time it is not possible for a student to earn a degree in Visual Arts by attending courses exclusively in the evening.

Transfer Students
Transfer credits are evaluated for satisfaction of program requirements.

Requirements for a Bachelor of Arts (B.A.) Degree in Visual Arts or Bachelor of Science (B.S.)
Degree in Visual Arts: Electronic Media
To earn a B.A. degree in Visual Arts, students must complete the General Education requirement, 48 credits in required courses in the department and 8 credits in departmental elective courses, for a total of 56 credits in the major, and general electives in consultation with an advisor for a total of 120 credits. To earn a B.S. degree in Visual Arts: Electronic Media students must complete the General Education requirement, 48 credits in required courses in the department and 16 credits in Electronic Media courses, for a total of 64 credits in the major, and general electives in consultation with an advisor, for a total of 120 credits. Credits for experiential learning are considered for satisfaction of departmental requirements.

A. General Education
Refer to the General Education Bulletin for specific requirements.

B. Major Requirements

1. Foundation Courses (20 credits)
   - VA2010 Introduction to Creative Thinking 4 cr.
   - VA2020 Basic Design 4 cr.
   - VA2030 Drawing 4 cr.
   - VA2045 Introduction to Color 4 cr.
   - VA2510 Art History Survey II 4 cr.
   In order to take Art Tutorials I, an average of 3.0 or better is needed in the Foundation courses. This average has to be maintained in order to continue with Art Tutorials II and III. In addition, students must satisfy the Junior Review Panel’s requirement in personal conduct and quality of work to maintain their status as a Visual Arts major.

2. Second Level (24 credits)
   - VA3100 Visual Culture: Warhol to the Present 4 cr.
   - VA3200 Art Tutorials I 4 cr.
   - VA4200 Art Tutorials II 4 cr.
   - VA5200 Art Tutorials III 4 cr.
   - VA4242 Print Design 4 cr.
   - VA4900 Internship 4 cr.

3. Art Electives (8-16 credits)
   - B.A. a minimum of 8 additional credits required (choose 2 courses from the semester class schedule)
   - B.S. a minimum of 16 additional credits required in Electronic Media (choose 4 courses from the list under B.S. Degree in Visual Arts: Electronic Media)

4. Senior Requirements (4 credits)
To qualify for a Senior Project Art Exhibit, an average of 3.0 or better in Art Tutorials is required plus the passing of a faculty review. Students doing Senior Project-Exhibition will receive recommendations for MFA programs. Students choosing to graduate with a thesis rather than with a Senior Project exhibition will receive recommendations for MA programs.
   - VA5900 Senior Project 4 cr.
   Note: VA5900 Senior Project may be taken only with departmental approval.

TOTAL CREDITS REQUIRED: 120

Curricular Design of the Program in Visual Arts
The five foundation courses (VA2000, VA2010, VA2020, VA2030, VA3100) challenge stereotyped cultural patterns. They provide a critical introduction to the study of the visual arts and the pedagogy and philosophy of the Visual Arts Department. They are prerequisites for most of the courses offered at the 3000-level and above.

The nucleus of the program consists of art tutorial courses. Faculty guide students individually toward personal needs and level of achievement. Students and faculty meet by appointment.
On a rotational basis, the following courses are offered once or twice per year:

- VA2400 Introduction to Photography
- VA2520 History of Photography
- VA3380 Digital Video
- VA3400 Digital Imaging
- VA3500 Studio Workshop
- VA4310 Clay Workshop
- VA4330 Life Drawing
- VA4340 Painting
- VA4390 Mixed Media
- VA4420 Sculpture

Advanced courses in video and photography and instruction in gallery management and darkroom management are available as independent study courses (VA9990).

Since the technical courses offered vary from semester to semester, students should consult the current class schedule to determine course availability.

Art history electives are offered at the 3000 level and vary from semester to semester. Students should consult the current class schedule to determine the specific art history courses being offered.

In VA5900, Senior Project-Art Exhibit, students are required to produce a major work or series of works that demonstrates an assimilation of all that has been learned at the College and may also serve as evidence of future potential. Qualification for the Senior Project is decided by faculty during the junior review.

During Senior Project the student assembles documented work that will be of sufficient scope to enable the creation of a portfolio to be used in connection with future employment or entrance to graduate school.
Women’s Studies (Gender Studies or Feminist Studies as it is sometimes called) is not merely the study of women. It examines the world and the human beings who inhabit it by focusing on questions, analyses and theories built directly on women’s scholarship and experience. Not merely a complementary correction to the established disciplines, Women’s Studies is also a discipline of its own, requiring an interdisciplinary approach. Women’s Studies challenges basic methods and presuppositions in established disciplines; it also crosses boundaries, giving fresh views into subject matter and creating a coherent new way of viewing the world. When women are placed at the center of the inquiry, everything changes, as if a kaleidoscope has been turned. Today there are women’s studies organizations, conferences, graduate programs, research centers, workshops, journals and magazines. There are also jobs for women’s studies students in publishing houses, magazines, newsletters, women’s centers, midwives’ centers, mothers’ centers, day care centers, as well as law firms, medical practices, public relations firms, human rights organizations, employment centers, etc.

Currently, the Women’s Studies Program offers a minor as well as independent studies and internships. It is also affiliated with the Women’s Center (see below).

**Women’s Studies Affiliated Faculty:** Laura Anker, AS, FYE; Rosalyn Baxandall, AS; Catherine Flamenbaum, AS; Amanda Frisken, AS; Carol Quirke, AS; Barbara Hillery, CP; Judy Lloyd, CP; Rita Colon-Urban, BS; Marie Metlay, BS; Mary Grabher, EL; Margaret Torrell, EL; Maureen Feder-Marcus, HI; Sylvie Kande, HI; Kathleen O’Connor-Bater, HI; Caroline Sawyer, HI; Jing-yi Song, HI; Judy Walsh, HI; Martha Livingston, HS; Sonia Assa, ML; Zenaida Madurka, ML; Carolyn Cocca, PEL; Tom Delgiudice, PEL; Eloise Linger, PEL; Rebecca Kalman, PEL; Minna Barrett, PY; Kathy Greenberg, PY; Hedwia Lewittee, PY; Laurette Morris, PY; Carla Barrett, SY; Lee Blackstone, SY; Jacob Heller, SY; Diana Papademas, SY; Gilda Zwerman, SY; Trish McLaughlin, VA; Ana Tiscornia, VA

**WOMEN’S CENTER**

The Women’s Center is a resource center and safe space for the students, staff, faculty, and administration of the College at Old Westbury. It has three main goals:

- To educate and empower women and men about issues of gender and sexuality.
- To raise awareness of and to reduce gender and sexual discrimination and violence.
- To champion diversity, to advocate for equity, to build community, and to promote social justice.

The Center sponsors presentations, workshops, and film series as well as housing a small lending library on such topics as sexual harassment, sexual assault, dating and domestic violence, stalking, equal pay, equal job opportunities, equal sports opportunities, general women’s health and wellness, sexual health, stereotypes of gender and sexuality, GLBT issues, eating disorders, poverty, pregnancy, contraception and abortion, parenting, etc. It offers opportunities for student internships, service learning, volunteering and work study, and also provides resources and referrals on all of the above issues.

The Women’s Center also works closely with Student Affairs, Counseling and Career Services, Student Health Services, the First Year Experience Program, Residential Life, University Police, and the Nassau County Coalition Against Domestic Violence to raise awareness of domestic and dating violence, sexual assault, and stalking and to prevent and reduce these crimes on campus. Through a grant from the Office of Violence Against Women in the U.S. Department of Justice, the Women’s Center trains faculty, staff, administration, and students on these issues; sponsors large outreach events open to the college community; and coordinates small workshops that offer more in-depth analysis and discussion of issues pertaining to violence against women.
Mission:
The mission of the School of Business is to create a learning environment that provides access, choice and a quality business education to a diverse student population in preparation for challenging positions in an increasingly competitive global marketplace.

Vision:
Our vision is to be a premier public school of business in the New York metropolitan area, recognized for the quality of its faculty, reputation of its academic programs and known for its commitment to diversity and success of its graduates.

The School of Business is committed to providing high quality business education to its students through its curriculum, its teaching, its academic support services, and its placement and internship program. The curriculum is continually updated to reflect the impact of information technology on the globalization of markets, production methods, and job qualifications. All business faculty place a high emphasis on teaching effectiveness and student accessibility. Faculty are encouraged to experiment with a diversity of approaches in transmitting information and ensuring that the classroom is a participatory learning environment. The School of Business realizes the importance of academic advisement as a key component in a student’s college education. Academic support services are intended to complement the curriculum and teaching aspect of a student’s business education. Students are encouraged to speak with faculty advisors and develop their own plan for success.

The Internship and Placement Program in the School of Business is designed to help students gain practical experience and explore career possibilities. The School of Business offers an optional Internship Program for academic credit to those students who meet the eligibility requirements. Recent examples of internship sponsors include a national accounting firm, a national car rental company, a nationwide insurance company, a national brokerage firm, a national shopping mall operator, a major entertainment venue, and several small and mid-size local accounting firms. Interested students should contact the chairs of their departments early in the semester prior to the semester during which they wish to participate in the School of Business Internship Program.

The School of Business comprises three departments: Accounting, Taxation and Business Law; Management and Marketing; Finance, Risk Management & Business Economics.

The School of Business offers the following undergraduate degrees: a Bachelor of Science degree in Accounting; a Bachelor of Science degree in Business Administration; a Bachelor of Science degree in Marketing; a Bachelor of Science degree in Finance. The School of Business also offers two graduate degrees, the Master of Science in Accounting, and a Master of Science in Taxation, which are described in a different catalog.
Evening Students
The School of Business offers required and elective courses on a rotating basis from 4:40 p.m. to 10:00 p.m. to accommodate evening students. However, evening majors should note that completion of their degrees may take longer than normal.

ADMISSION TO THE SCHOOL OF BUSINESS
Admission to any of the academic departments within the School of Business is a separate process from that of admission to the College. The College admission process is conducted through the Office of Enrollment Services and requires that official copies of all prior transcripts be sent directly to the Office of Enrollment Services.

Students may seek admission to the School of Business through the Office of the Undergraduate Programs (Room D300) once they have completed at least 32 undergraduate credits. Admission is granted to students who have earned a combined cumulative grade-point average (GPA) of 2.50 or above, except for the Accounting program, which requires 2.70 or above. Unofficial or student copies of transcripts of all previous study must be submitted before an admission decision can be made. Students who do not have the minimum entry GPA may apply directly to the Office of Enrollment Services for an application for Special Consideration admission to the School of Business.

All students who are granted admission to the School of Business will have an entry interview with the Assistant Dean to discuss the following:

• Determine which degree program within the School would be most appropriate to achieve their educational and career goals
• Analyze previous academic transcripts to establish course equivalencies and waivers for departmental and college General Education requirements
• Delineate all departmental and college course and credit requirements for the degree selected and provide students with a comprehensive advisement guide that will enable them to fulfill course prerequisites and degree requirements in an orderly manner
• As part of our on-going advisement system students will be assigned a faculty advisor in their chosen discipline who will mentor and assist them in the interpretation of College, School of Business and departmental regulations, graduation requirements and the selection of an appropriate sequence of courses.

Students who have been admitted will be required to take the Major Field Test in Business during their initial semester (failure to take the test will prevent students from being able to continue as Business majors) and last semester in the School of Business.

NON-MATRICULATED STUDENTS
Students who wish to continue their education by taking credit courses, without pursuing a degree, may elect to attend the college under a non-matriculated status. This option may be used by students who currently hold a bachelor’s degree in a field of business and wish to take undergraduate courses needed to either enter the graduate program or to complete the courses that are required by the State Education Department to sit for the CPA examination (prior to July 2009). Such students should meet with the Assistant Dean to have their previous academic records evaluated and to determine what course/credit requirements need to be satisfied.

School of Business General Requirements
1. A minimum of 128 credits
2. sixty (60) credits in liberal arts
3. A minimum of 56 credits at the College at Old Westbury, with at least 32 credits in Business curriculum courses
4. To graduate with a B.S. degree in Accounting, Business Administration, Marketing or Finance a student must achieve both a 2.50 cumulative GPA in Old Westbury business curriculum courses and a cumulative GPA of 2.50 for Old Westbury course work.

ACADEMIC STANDING
All students in the School of Business are expected to maintain a minimum 2.50 cumulative grade point average (GPA) in BOTH their business curriculum and in overall OW residence courses in order to continue in any major within the School of Business. If a student’s overall GPA falls below this level, he/she is placed on academic probation within the School of Business. Two (2) successive semesters with a GPA below 2.50 may lead to dismissal from the School of Business. Appeals for such dismissals must be made directly to the School of Business Academic Review Committee.

School of Business Dean’s List
School of Business Dean’s List recognition is awarded to full-time (at least 12 credits) and part-time (from 8-11 credits) students who have declared a major in business and who have achieved superior scholastic performance as evidenced by earning at least a 3.75 GPA during a semester in all courses taken at Old Westbury. Students receive a congratulatory letter from the Dean of the School of Business recognizing the achievement.
The main objective of this course of study is to provide analytical skills and knowledge to enter any branch of the accounting profession with the primary focus of students’ studies in the area of Public Accounting. Beginning in August 2009, students who wish to sit for the Certified Public Accounting (CPA) Examination for licensure in New York State will be required to have completed a 150-credit hour program of study. Students who complete both their B.S. degree in Accounting and either their M.S degree in Accounting or M.S degree in Taxation, at SUNY Old Westbury will satisfy this requirement. Both the M.S. degree in Accounting and the M.S. degree in Taxation are recognized and registered by the New York State Education Department as satisfying the 150-credit hour requirement. Completion of either M.S. degree will also qualify students for a one-year, rather than a two-year, work experience requirement relating to CPA licensure. Although the program is geared primarily toward the preparation for entry into public accountancy, graduates are well prepared to meet the accounting needs of all types of enterprises. Students planning to pursue the M.S. degree in Taxation should consult with the Assistant Dean for the appropriate selection of elective courses.

Requirements for the Bachelor of Science (B.S.) Degree in Accounting

A. General Education and Freshman Seminar

B. Courses in Accounting and Business

Accounting Courses Required:

- BU3502 Accounting I
- BU3511 Accounting II
- BU4500 Intermediate Accounting I
- BU4510 Intermediate Accounting II
- BU4520 Accounting Theory
- BU4570 Federal Income Tax I
- BU4590 Cost Accounting
- BU5505 Essentials Government Non-Profit (2 cr.)
- BU5540 Advanced Accounting
- BU5550 Auditing

Accounting elective(s) (minimum 3 credits):

- BU4530 Computer Applications in Accounting
- BU5525 International Accounting (2 cr.)
- BU5555 Accounting Information Systems (2 cr.)
- BU5560 Financial Statement Analysis (2 cr.)
- *BU5570 Introduction to Business Taxation (2 cr.)

*not recommended for M.S. degree students

Total Accounting Courses Required 41 cr.

Business Courses Required:

- BU2420 Principles of Microeconomics
- BU3201 Principles of Statistics

- BU3600 Principles Business Law (2 cr.)
- BU3605 Intermediate Business Law (2 cr.)
- BU3610 Advanced Business Law (2 cr.)
- BU4762 Financial Management I
- One Business Elective

(BU4110 Organizational Behavior & Management recommended)

Total Business Credits Required 21 cr.

C. Liberal Arts Requirement:

- BU2430 Principles of Macroeconomics
- BU3010 Information Systems for Managers
- BU3220 Calculus for Business & Economics
- BU3905 Business Communication (2 cr.)

D. Business or Liberal Arts Electives 6 cr.

TOTAL CREDITS REQUIRED 128 CR.
FINANCE, RISK MANAGEMENT AND BUSINESS ECONOMICS

Professor: Patrick O’Sullivan
Associate Professor: Sirousse Tabriztchi
Assistant Professors: Albert Murphy, Elena Smirnova, Zhihong Shi
Lecturer: Maureen Keefe

The BS in Finance provides students the depth of specialization and competitive edge they need to succeed in the complex and dynamic financial profession including careers in corporate financial management, banking, investment banking, brokerage and trading and managing multitudes of other financial institutions. The field of finance has become increasingly technical and specialized. Employers require candidates to have an undergraduate degree in finance and demonstrate specific skills and educational excellence beyond those typically found in general business training. As a result, professional licensing or certification has become one of the most widely recognized means of demonstrating core competency. Our finance program provides students with the critical knowledge to take the Chartered Financial Analyst (CFA) exam.

The curriculum is composed of a core and a specialization area. Upon completing the core, students gain mastery of quantitative and communication skills, a fundamental knowledge of management, marketing and business policy and the necessary background in legal and economic environment of business. Core courses teach the cognitive and analytical competencies that are needed to specialize in Finance. The required Finance specialization courses develop conceptual and analytical skills in three principle areas of Finance: corporate finance, investment analysis and financial market analysis. One additional course to provide greater depth in one of the three principle areas is also required.

Requirements for the Bachelor of Science (B.S.) Degree in Finance

A. General Education & Freshman Seminar

B. Business Core: 48 cr.

BU2420 Principles of Microeconomics
BU2430 Principles of Macroeconomics
BU3010 Information Systems for Managers
BU3201 Principles of Statistics
BU3220 Calculus for Business and Economics

OR

BU4220 Quantitative Methods for Business
BU3502 Principles of Accounting I
BU3511 Principles of Accounting II
BU3600 Principles of Business Law (2 cr.)
BU3800 Marketing; Principles and Concepts
BU3905 Business Communications (2 cr.)
BU4110 Organizational Behavior & Management
BU4762 Financial Management I
BU5190 Business Strategy & Policy

C. Specializations: (24 cr. w/20 cr. minimum at OW)

BU4450 Money & Banking
BU4774 Financial Markets and Institutions
BU5740 Investment Management & Security Analysis
BU5760 Corporate Finance
BU5771 Global Financial Markets

Finance Elective(s) (4 cr.) selected in consultation with faculty advisor

Finance Electives:
BU3470 Business Economic Analysis (2 cr.)
BU3754 Managing Investment Portfolios (2 cr.)
BU4775 International Business, and Finance
BU5410 Business Economic Forecasting
BU5750 Investment Banking & Capital Markets
BU5751 Quantitative Investment Analysis (2 cr.)
BU5752 Fixed Income Portfolio Management (2 cr.)
BU5755 Equity Portfolio Management (2 cr.)
BU5774 Fundamentals of Risk Management
BU5789 Futures & Options
BU5790 Seminar in Finance

DEPARTMENTAL REQUIREMENTS 72 CR.

D. General Electives

TOTAL CREDITS REQUIRED 128 CR.
The Department of Management and Marketing currently offers Bachelor of Science degrees in Business Administration and Marketing. The overall objective of the Business Administration program is to prepare students to manage people and tasks in a variety of organizations. The program focuses on the delivery of management knowledge and the practice of effective skills. Three areas of specialization are presented to accomplish the overall objective: Management, Global Business, and General Business. The purpose of the Management specialization is to present detailed and current information on the field, while encouraging students to acquire the necessary knowledge and skills to function effectively in a variety of managerial activities. The specialization in Global Business is designed to reflect the international aspects of business education. The General Business specialization's purpose is to provide students with the necessary theories and interpersonal skills of business so that they may assume positions in any industry, organizational type, or functional area.

The principal objective of the Marketing program is to enable students to acquire analytical and communication skills in sales, marketing, and distribution in preparation for entry into today's dynamic marketing environment. Specifically, students learn about the importance of branding, channels of distribution, information advertising, and global marketing. The Marketing curriculum provides one specialization. Students are trained for positions in retailing, wholesaling, advertising, and market research.

The curriculum for each of these degrees is constructed on the following structure: a common core of business courses and a set of elective courses in specialized areas of study. The core is designed to provide a broad foundation in the functional areas of business. These courses embody both the disciplinary and multidisciplinary perspectives within each area, while providing the cognitive and analytical competencies that will be utilized in the specialized areas of the curriculum.

### Requirements for the Bachelor of Science (B.S.) Degree in Business Administration

<table>
<thead>
<tr>
<th>A. General Education &amp; Freshman Seminar</th>
<th>B. Business Core: 48 cr.</th>
<th>C. Students must choose one of the following specializations:</th>
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<tbody>
<tr>
<td></td>
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<td>Management Specialization: (20 cr. w/16 cr. minimum at OW)</td>
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<td></td>
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<td>BU4120 Global Business</td>
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<td>BUS125 Business Ethics</td>
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<td>BUS171 Human Resource Management</td>
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<td>BUS195 Management Seminar</td>
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<td>Management Elective (4 cr.) selected in consultation with faculty advisor</td>
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<tr>
<td></td>
<td></td>
<td>Global Business Specialization: (24 cr. w/20 cr. minimum at OW)</td>
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<tr>
<td></td>
<td></td>
<td>BU4120 Global Business</td>
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<tr>
<td></td>
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<td>BUS145 International Management</td>
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<td>BUS771 Global Financial Markets</td>
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<td></td>
<td>BUS820 International Marketing</td>
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<td>Cross-Cultural Courses (two) selected in consultation with faculty advisor</td>
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<td></td>
<td></td>
<td>General Business Specialization: (24 cr. w/20 cr. minimum at OW)</td>
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<td></td>
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<td>BU4035 Web Systems &amp; E-Commerce</td>
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<td>BU4120 Global Business</td>
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<td>BU4774 Financial Markets &amp; Institutions</td>
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<td></td>
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<td>BU5171 Human Resource Management</td>
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<td>BU5851 Consumer Behavior</td>
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<td></td>
<td></td>
<td>General Business Elective (4 cr.) selected in consultation with faculty advisor</td>
</tr>
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</table>

### DEPARTMENTAL REQUIREMENTS 68 - 72 CR.

### TOTAL CREDITS REQUIRED 128 CR.
REQUIREMENTS FOR THE BACHELOR OF SCIENCE (B.S.) DEGREE IN MARKETING

A. General Education and Freshman Seminar

B. Business Core: 48 CR.

- BU2420 Principles of Microeconomics
- BU2430 Principles of Macroeconomics
- BU3010 Information Systems for Managers
- BU3201 Principles of Statistics
- BU3220 Calculus for Business & Economics
  or
- BU4220 Quantitative Methods for Business
- BU3502 Accounting I
- BU3511 Accounting II
- BU3600 Principles Business Law (2crs)
- BU3800 Marketing: Principles & Concepts
- BU3905 Business Communication (2cr)
- BU4110 Organizational Behavior & Management
- BU4762 Financial Management
- BU5190 Business Strategy & Policy

C. Specialization: (20 cr. w/16 cr. minimum at OW)

- BU5800 Marketing Research
- BU5820 International Marketing
- BU5851 Consumer Behavior
- BU5880 Brand Theory & Strategy

Marketing Elective (4 cr.) selected in consultation with faculty advisor

D. General Electives

DEPARTMENTAL REQUIREMENTS 68 CR.

TOTAL CREDITS REQUIRED 128 CR.

- BU3830 Introduction to E-Commerce
- BU4801 Advertising & Promotion
- BU4805 Marketing Public Relations
- BU4840 Direct Marketing
- BU5841 Strategic Marketing Management
- BU5860 Business to Business Marketing
- BU5865 Services Marketing
- BU5891 Marketing Seminar
The School of Education at SUNY College at Old Westbury is proud to be among those institutions who have earned accreditation from the National Council for Accreditation of Teacher Education. Graduates from an NCATE accredited teacher preparation program are in high demand because they are well-prepared for initial licensing and advanced board certification. Many states have reciprocity agreements based on graduation from NCATE accredited schools, so graduates of NCATE-accredited schools will generally find it easier to apply for a teaching license should they move out of state.

By achieving NCATE accreditation, the Old Westbury School of Education has illustrated that its teacher preparation program has met national standards set by the teaching profession and has undergone rigorous, external, impartial review by professionals, policy makers, and representatives of the public.

The mission of the School of Education is to prepare teacher candidates to be literate and progressive citizens who value human diversity and exemplify an appreciation for the interdisciplinary nature of knowledge and for learning as a lifelong process. The school seeks to develop teachers with the professional and personal characteristics and dispositions to facilitate the holistic development of all learners in the context of contemporary society.

Together with partners across the college and in the schools, faculty of the School of Education have developed a Conceptual Framework to implement the above mission and vision. The Conceptual Framework rests on three principles: a commitment to preparing teachers as professionals; a belief in the interdisciplinary nature of knowledge and practice; and an active engagement in promoting a just world. Teacher candidates explore these principles through course work and guided practice.

The School of Education comprises three departments: Childhood Education and Literacy, Exceptional Education and Learning and Adolescence Education. We offer programs leading to initial teacher certification in the following areas:

- Childhood Education – grades 1-6
- Childhood Education – grades 1-6 extended to Bilingual Education
- Special Education with Childhood Education – grades 1-6
- Special Education extended to Bilingual Education – grades 1-6
- Middle Childhood Education – grades 5-9 - in Biology or Chemistry or Mathematics or Spanish
- Adolescence Education – grades 7-12 - in Biology or Chemistry or Mathematics or Social Studies or Spanish

These programs provide professional courses and extensive field experience, including student teaching. Each course is planned to assist students in acquiring the knowledge and skills that will help them transmit the requisites of the New York State Learning Standards. All courses are designed so that students achieve competencies that have been identified by local school district personnel and prescribed by the New York State Education Department.

The School of Education has adopted a series of requirements for candidates at five transition points as they are admitted to and progress through the program. These requirements are summarized in the chart below. Further details about these requirements may be found in this catalog and in publications available from the School of Education.
<table>
<thead>
<tr>
<th>TRANSITION POINT</th>
<th>SCHOOL OF EDUCATION REQUIREMENTS</th>
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</thead>
</table>
| #1 Admission to School of Education | - Overall GPA ≥ 2.7  
- Completion of 48 credits  
- C- or better in MA1020 or equivalent  
- C or better in EL1000 and EL22xx  
- Acceptable performance on Focused Writing Sample\(^1\)  
- Formal application process |
| #2 Admission to Observation/ Field Experience | - Overall GPA ≥ 2.7  
- Major GPA ≥ 2.7 (Adolescence Education)  
- Education course GPA ≥ 2.7  
- Complete the following ED courses with GPA ≥ 2.7:  
  - Childhood Education and Childhood Special Education: 3700, 3820, 3900, 4200, 4740  
  - Adolescence Education: A minimum of two of these courses: 3820, 3900, 4230, 4742  
- Approved application for Observation and Field Experience |
| #3 Admission to Student Teaching | - Overall GPA ≥ 2.7  
- Major GPA ≥ 2.7 (Adolescence Education)  
- Education course GPA ≥ 2.7  
- Completion of all course work  
- Early Review of Practice Benchmark Performances\(^2\)  
- B- (B for Social Studies) or better in ED5901 or ED5930  
- Approved application for Student Teaching |
| #4 Program Completion | - Overall GPA ≥ 2.7  
- Major GPA ≥ 2.7 (Adolescence Education)  
- Education course GPA ≥ 2.7  
- Level 2 or higher on all Benchmark Performances evaluated by faculty\(^3\)  
- Level 2 or higher on all dimensions of the “Student Teaching Candidate Proficiency Evaluation,” as evaluated by field supervisor and cooperating teacher\(^3\)  
- Formal application process |
| #5 Certification | - State Exams – LAST, ATS-W and CST  
- Workshops in School Violence Prevention and Intervention and Child Abuse Identification |

\(^1\)Bilingual Education majors must also complete a writing sample in Spanish  
\(^2\)Benchmark performances are certain course assignments used by faculty to assess candidates’ progress  
\(^3\)Student Teaching Candidate Proficiency Evaluation is a summative evaluation of candidate knowledge, skills and dispositions near the end of the program

**Important notice:** The New York State Education Department and the State University of New York periodically revise graduation and/or certification requirements for teachers. When changes occur, students are bound by the new requirements instead of those listed in this catalog.

**Evening Students**

Every effort is made to offer required courses in the evening. While students can expect to complete some of their required Education courses in the evening, it is important for all students to realize that some courses and all field experiences can only be offered during the day. Some students may find that they will need more than four years to complete all requirements.

**Grades of D:**

D grades are not accepted for any courses.

**Credit/No Credit Option:**

The Credit/No Credit option is not permitted for any general education and concentration courses.
Advisement

- A full-time Director of Academic Support Services acts as advisor to all new and transfer students. Appointments may be made by contacting the School of Education secretary in Room C-116 or by calling (516) 876-3275/3216 or 334-3982.
- Education majors are assigned a faculty advisor after acceptance to the School of Education.
- Students must see their assigned advisor each semester to obtain a pin number for registration.
- Students may change advisors after consultation with the Dean, Director of Student Services and faculty advisor.
- Adolescence Education majors obtain advisement from their disciplinary coordinators.
- Majors in Biology, Chemistry, Mathematics, Social Studies and Spanish also obtain formal advising within their respective content area department. For social studies, advising is done in the History and Philosophy Department.

New York State Teacher Certification Examinations

Graduates requesting initial teacher certification must pass the New York State Teacher Certification Examinations (NYSTCE): The Liberal Arts and Science Test, the Assessment of Teaching Skills – Written, and the Content Specialty Test. Bilingual Education graduates must also pass the Bilingual Education Assessment.

The most recent summary of NYSTCE results for all teacher education institutions in New York State - including SUNY Old Westbury - is available at the New York State Teacher Certification Examination (NYSTCE) website: http://www.highered.nysed.gov/ocue/TitleIIData/titelllData/titleIIDataMain.htm.

General Education Requirements

All students must fulfill the College’s General Education Program requirements as stated in the General Education Bulletin. In addition, all Childhood and Exceptional Education majors must complete:

- An upper division literature course in English
- A second course in U.S. history or a geography course
- Two natural science courses with lab
- One mathematics course beyond MA1020, which is required for college mathematics proficiency
- Two semesters of the same foreign language (American Sign Language is acceptable)

Disciplinary Concentrations

All Childhood and Exceptional Education majors must complete 32 credits or 8 courses of 3 credits or more in a disciplinary concentration in the liberal arts and sciences.
Requirements for the Majors

Bachelor of Science (B.S.) Degree in Childhood Education (Grades 1-6)

A. General Education-See requirements previously stated.

B. An 8 course concentration in a liberal arts or science discipline.
   Students may transfer a maximum of four of these courses from other institutions. The disciplinary concentrations are described on pages 110 to 111.

C. 32 credits in required Education courses:
   ED3700 Child Development & Practicum for Teachers
   ED3820 Foundations of Special Education
   ED3900 Foundations of Education
   ED4120 Methods & Materials of Teaching Mathematics, Science, and Technology in the Elementary Classroom
   ED4200 Foundations of Reading I
   ED4220 Teaching Reading II
   ED4740 Interdisciplinary Instructional Strategies
   And one of the following three courses:
   ED4660 Issues in Multicultural Education;
   or
   ED3600 Puerto Rican and Other Hispanic Children: What Teachers Need to Know;
   or
   ED3650 Foundations of Bilingual/Multicultural Education

D. 16 credits in required field experiences:
   ED5930 Observation & Seminar
   ED5940 Student Teaching & Seminar

Bachelor of Science (B.S.) Degree in Childhood Education with a Bilingual Extension/Spanish (Grades 1-6)

In addition to the admission requirements for the School of Education, students in Bilingual Education must demonstrate proficiency in the use of grammar, punctuation and syntax in English and Spanish and demonstrate oral communications skills in both languages.

A. General Education-See requirements previously stated.

B. A 32 credit concentration in a liberal arts or science discipline.
   Students may transfer a maximum of four of these courses from other institutions. The disciplinary concentrations are described on pages 110 to 111.

C. 40 credits in required Education courses:
   ED3600 Puerto Rican and Other Hispanic Children: What Teachers Need to Know
   ED3650 Foundations of Bilingual/Multicultural Education
   ED3700 Child Development and Practicum for Teachers
   ED3820 Foundations of Special Education
   ED3900 Foundations of Education
   ED4120 Methods & Materials of Teaching Mathematics, Science & Technology in the Bilingual Classroom
   ED4200 Foundations of Reading I
   ED4220B Teaching Reading II (Bilingual)
   ED4670 Methods & Materials of Teaching English as a Second Language
   ED4740B Interdisciplinary Instructional Strategies in the Bilingual Classroom

D. 16 credits in required field experiences:
   ED5930 Observation & Seminar
   ED5940B Student Teaching in a Bilingual Classroom & Seminar
Bachelor of Science (B.S) Degree in Exceptional Education and Childhood Education (Grades 1 to 6) (Dual Certification)

A. General Education
   See requirements previously stated.

B. A 32 credit concentration in a liberal arts or science discipline.
   Students may transfer a maximum of four of these courses from other institutions. The disciplinary concentrations are described on pages 110 to 111.

C. 28 credits in Childhood Education courses:
   ED3700  Child Development & Practicum for Teachers
   ED3900  Foundations of Education
   ED4120  Methods & Materials of Teaching Mathematics, Science, and Technology in the Elementary Classroom
   ED4200  Foundations of Reading I
   ED4220  Teaching Reading II
   ED4740  Interdisciplinary Instructional Strategies
   And one of the following three courses:
   ED4660  Issues in Multicultural Education; or
   ED3600  Puerto Rican and Other Hispanic Children: What Teachers Need to Know
   or
   ED3650  Foundations of Bilingual/Multicultural Education

D. 20 credits in required Exceptional Education courses:
   ED3820  Foundations of Special Education
   ED4300  The Student with Learning Disabilities
   ED4810  The Student with Emotional Disabilities
   ED4850  Curriculum & Materials for Teaching the Student with Learning Disabilities
   ED4890  The Student with Cognitive Disabilities: Overview, Theories, and Practices

Bachelor of Science (B.S.) Degree in EXCEPTIONAL Education with a Bilingual Extension/Spanish

In addition to admission requirements for the School of Education, Exceptional Education candidates with a Bilingual Extension are required to demonstrate proficiency in the use of grammar, punctuation and syntax in English and Spanish and to demonstrate oral communications skills in both languages.

A. General Education
   See requirements previously stated.

B. A 32 credit concentration in a liberal arts or science discipline.
   Students may transfer a maximum of four of these courses from other institutions. The disciplinary concentrations are described on pages 110 to 111.

C. 36 credits in Childhood Education courses:
   ED3600  Puerto Rican & Other Hispanic Children: What Teachers Need to Know
   ED3650  Foundations of Bilingual/Multicultural Education
   ED3700  Child Development & Practicum for Teachers
   ED3900  Foundations of Education
   ED4120B  Methods & Materials of Teaching Mathematics, Science, and Technology in the Bilingual Classroom
   ED4200  Foundations of Reading I
   ED4220B  Teaching Reading II (Bilingual)
   ED4670  Methods & Materials of Teaching English as a Second Language
   ED4740B  Interdisciplinary Instructional Strategies in the Bilingual Classroom

D. 20 credits in required Exceptional Education courses:
   ED3820  Foundations of Special Education
   ED4300  The Student with Learning Disabilities
   ED4810  The Student with Emotional Disabilities
   ED4850  Curriculum & Materials for Teaching the Student with Learning Disabilities
   ED4890  The Student with Cognitive Disabilities: Overview, Theories, and Practices

E. 16 credits in required field experiences:
   ED5930  Observation & Seminar
   ED5960  Student Teaching & Seminar
   And corequisite
   ED5980  Student Teaching & Seminar
Disciplinary Concentrations for Childhood, Bilingual, and Exceptional Education Majors
Only - 32 credits in each concentration

American Studies Concentration
AS3112 The American People I
AS3122 The American People II
AND
Two American Studies courses at the 4000-level
Two American Studies courses at the 5000-level
AND
Two American Studies elective courses
Only one 1000 or 2000-level course may be counted among these courses.

Biology Concentration
BS2400 Basic Biological Science I with Lab
BS2410 Basic Biological Science II with Lab
CP2120/2121 Principles of Chemistry I with Lab
CP2130/2131 Principles of Chemistry II with Lab
One course in Physics with Lab
Three upper division biology courses (one course from each of the following areas: Cellular and Molecular, Organismic and Population:

Cellular-Molecular Area:
BS4400 Cell Biology
BS4460 Genetics
Organismic Area:
BS3400 Vertebrate Physiology
BS3520 Comparative Anatomy
Population Area:
BS4440 Evolution
BS4470 Ecology

Chemistry Concentration (33 credits)
CP2120/2121 Principles of Chemistry I with Lab
CP2130/2131 Principles of Chemistry II with Lab
CP2150 Chemistry for Consumers
CP3300/3302 Organic Chemistry I with Lab
CP3400 Chemical Analysis
CP2220/2221 Structure of Physics I with Lab
CP2230/2231 Structure of Physics II with Lab
MA2090 Precalculus

English Concentration (32 credits)
Distribution Requirements:
(a) At least 2 courses primarily in literature written before 1800 (for the U.S., 1900)
(b) At least 1 course in each of: British Literature; U.S. Literature; and World Literature. Either EL3500 or 3510 may be used to satisfy the British or U.S. Literature requirement, but not both.

1. Linguistic Foundations (choose one):
   EL2421 Introduction to Language
   EL3010 Structure and Grammar of English

2. Literary Analysis (choose two):
   EL3500 Literature Across Cultures I: Analysis and Interpretation
   EL3510 Literature Across Cultures II: Theory
   EL4400 Critical Theory

3. Literary Traditions (select one from Group A, one from Group B, and one from Group A, B, or C)

A. British and U.S. Literature:
   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

B. World Literature:
   EL3560 Literatures of Europe Part I
   EL3561 Literatures of Europe Part II
   EL3700 Survey of World Literature

C. Genres and Traditions, Multicultural and World Literature:
   EL3100 Oral Interpretation/Oral Tradition
   EL4200 Biblical-Classical Foundations of Multicultural Literature
   EL4300 20th-Century Literature: Colonialism and Postcolonialism
   EL4311 Greek Drama
   EL4312 Greek Mythology
   EL4325 Shakespeare: Selected Plays
   EL4380 The Novel
   EL4402 Sex in Sexuality in Literature
   EL4500 Topics in British/US Literature
   EL4510 Modern Drama and Theater
   EL4540 Epic: East and West

4. Perspectives: Choose Multicultural U.S.-British Literature OR World Literature Specialization

Multicultural U.S.-British Literature Specialization:

a. Electives. Choose ONE course from any of these groups:

   British/U.S. Literature
   EL4030 Women and Narrative
   EL4050 Lesbian and Gay Literature
   EL4060 Literature of Class and Class Consciousness
   EL4080 Extraordinary Bodies: Disability in Literature

   U.S. Literature
   ML3410 Latino Writers in the US
   EL3811 Survey of African American Literature
   EL4000 Native American Literature
   EL4010 Harlem Renaissance
   EL4020 Asian American Literature
   EL4040 Women Writers of the Harlem Renaissance
   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

b. Required for all students in the specialization:
EL4800 Major Authors

World Literature Specialization:
Note: Non-English Literatures are read in translation.
a. Surveys—Choose one:
EL3865 Literature of Asia
EL3870 Literatures of Africa
EL3880/ML3480 Masterpieces of Hispanic Literature

b. Electives—Choose one:
EL3875 Chinese Literature
EL4405 Caribbean Literature
EL4600 Literature of India
EL4620 Literature of the Middle East
EL4630 Latin American Literature
EL4640 French Literature
EL4650 Literature of Russia and Eastern Europe
EL4660 Topics in African Literature

Mathematics Concentration
MA2030 Mathematical Logic and Set Theory 4 cr.
MA2310 Calculus and Analytic Geometry I 4 cr.
MA2320 Calculus and Analytic Geometry II 4 cr.
MA3030 Discrete Mathematics 4 cr.
MA3160 Linear Algebra 4 cr.
MA3210 Introduction to Probability and Statistics 4 cr.
MA4510 Geometry 4 cr.

ONE OF THE FOLLOWING
MA2500 History of Math 4 cr.
MA4100 Number Theory 4 cr.
MA5120 Abstract Algebra I 4 cr.

Politics, Economics and Law Concentration
PE1401 Introduction to Economics 4 cr.
PE2650 Introduction to U.S. Politics 4 cr.
PE3400 Political Economy of the Third World 4 cr.
PE3410 U.S. Political Economy 4 cr.
PE4470 History of Economic Thought 4 cr.

OR
PE4620 Political and Social Thought 4 cr.
PE4580 Origins of the Capitalist Economy 4 cr.

OR
PE4590 Global Economy in the 20th Century 4 cr.

AND
Two upper-division electives in PES 8 cr.

Spanish Language, Hispanic Literature and Culture Concentration
Students pursuing the 8 course Spanish concentration may start at either Basic Spanish II or at one of the Intermediate Spanish courses by advisement from a Modern Languages faculty member. The 8 courses must include at least ONE 4000 level course on Spain and ONE 4000 level course on Latin America.

Visual Arts Concentration
Foundation Courses 12 cr.
VA2010 Introduction to Creative Thinking
VA2020 Basic Design
VA2500 Art History Survey I

OR
VA2510 Art History Survey II

Art Tutorials with Faculty Mentor 12 cr.
VA3200 Art Tutorials I
VA4200 Art Tutorials II
VA5200 Art Tutorials III

Advanced Requirements 8 cr.
VA4900 Internship
VA5900 Senior Project

World Cultures Concentration
Students may take no more than three of the following courses at the 2000 level. At least 3 courses must be at the 4000/5000 level.

The core: 3 required courses distributed as follows from the courses listed below: 12 cr.

The Heritage of the West (choose one)
HI2521 World History II: Western Civilization
HI2681 Introduction to Europe History 1350-present
HI3002 Rise of Reason—The Classical Origins of Western Culture
HI3011 Foundations of Judeo-Christian Tradition
HI3021 Europe in the Middle Ages
HI3031 God to Machine 16th-18th Century

The Heritage of Asia, Africa, The Middle East and Latin America (choose one)
HI2511 World History I: Non-Western
HI3080 Asian Cultures
HI3091 African Cultures
HI3110 Latin American Culture
HI3835 Islamic Cultures

Methodological (Interdisciplinary, disciplinary, cross-cultural)/Convergence (choose one)
HI2720 Introduction to Philosophy
HI3040 Analysis of Culture
HI3052 Anatomy of Science
HI4001 Nineteenth Century
HI4011 Twentieth Century
HI4062 Making History

Electives 20 cr.
Any 5 courses with HI prefix. Guidelines as to levels must be followed (see above).
Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) Degree in Adolescence Education - Biology - Grades 7-12
Students in these programs earn a degree in both Biological Sciences and Adolescence Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Adolescence Education (grades 7-12) teachers. The School of Education Science Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have a Biological Sciences advisor.
See below for specific requirements.

**A. Biology Content Requirements**
Candidates must complete all requirements for either the BA or BS degree in Biological Sciences. The BS degree is highly recommended. See page 60 of this catalog for details.

**B. General Education Courses**
Students must complete all requirements of the Old Westbury General Education (GE) program.

**C. Education Core Courses**
- ED3200 The Nature and Development of Science
- ED3820 Foundations of Special Education
- ED3900 Foundations of Education
- ED4230 Reading Across the Curriculum
- ED4231 Reading Practicum
- ED4742 Middle Childhood & Adolescence (crosslisted as PY3220)
- ED4085 Methods and Materials of Teaching Science in Secondary School
- ED5901 Pre-teaching Practicum & Seminar
- ED5900 Student Teaching & Seminar in Adolescence Education (grades 7-12)

**D. Other Requirements**
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere. Students must earn grades no lower than C in all biology courses.

Bachelor of Science (B.S.) Degree in Middle Childhood Education - Biology - Grades 5-9
Students in this program earn a degree in both Biological Sciences and Middle Childhood Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Middle Childhood Education (grades 5-9) teachers. The School of Education Science Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have a Biological Sciences advisor.
See below for specific requirements.

**A. Biology Content Requirements**
Candidates must complete all requirements for either the BA or BS degree in Biological Sciences. The BS degree is highly recommended. See page 60 of this catalog for details.

**B. General Education Courses**
Students must complete all requirements of the Old Westbury General Education program.

**C. Education Core Courses**
- ED3200 The Nature and Development of Science
- ED3820 Foundations of Special Education
- ED3900 Foundations of Education
- ED4230 Reading Across the Curriculum
- ED4740 Interdisciplinary Instructional Strategies
- ED4742 Middle Childhood & Adolescence (crosslisted as PY3220)
- ED4085 Methods and Materials of Teaching Science in Secondary School
- ED5901 Pre-teaching Practicum & Seminar
- ED5910 Student Teaching & Seminar in Middle Childhood Education (grades 5-9)

**D. Other Requirements**
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere. Students must earn grades no lower than C in all biology courses.

Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) Degree in Adolescence Education - Chemistry - Grades 7-12
Students in these programs earn a degree in both Chemistry and Adolescence Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Adolescence Education (grades 7-12) teachers. The School of Education Science Education coordinator is responsible for advising and approving students as
they progress through the School of Education program. Students should also have an advisor from the Chemistry/Physics Department. See below for specific requirements.

A. Chemistry Content Requirements
Candidates must complete all requirements for either the BA or BS degree in Chemistry. See page 65 of this catalog for details.

B. General Education Courses
Students must complete all requirements of the Old Westbury General Education (GE) program.

C. Education Core Courses
ED3200 The Nature and Development of Science
ED3820 Foundations of Special Education
ED3900 Foundations of Education
ED4230 Reading Across the Curriculum

D. Other Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere.

Bachelor of Science (B.S.) Degree in Middle Childhood Education - Chemistry - Grades 5-9
Students in this program earn a degree in both Chemistry and Middle Childhood Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Middle Childhood Education (grades 5-9) teachers. The School of Education Science Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have an advisor in the Chemistry/Physics Department. See below for specific requirements.

A. Chemistry Content Requirements
Candidates must complete all requirements for either the BA or BS degree in Chemistry. See page 65 of this catalog for details.

B. General Education Courses
Students must complete all requirements of the Old Westbury General Education (GE) program.

C. Education Core Courses
ED3200 The Nature and Development of Science
ED3820 Foundations of Special Education
ED3900 Foundations of Education
ED4230 Reading Across the Curriculum

D. Other Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere.

Bachelor of Science (B.S.) Degree in Adolescence Education Mathematics - Grades 7-12
Students in this program earn a degree in both Mathematics and Adolescence Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Adolescence Education (grades 7-12) teachers. The School of Education Mathematics Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have an advisor from the Mathematics Department. See below for specific requirements.

A. Mathematics Content Requirements
MA2030 Mathematical Logic and Set Theory
MA2310 Calculus & Analytical Geometry I
MA2320 Calculus & Analytical Geometry II
MA3030 Discrete Mathematics
MA3160 Linear Algebra
Bachelor of Science (B.S.) Degree in Middle Childhood Education Mathematics - Grades 5-9

Students in this program earn a degree in both Mathematics and Middle Childhood Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Middle Childhood Education (grades 5-9) teachers. The School of Education Mathematics Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have an advisor from the Mathematics Department. See below for specific requirements.

A. Mathematics Content Requirements
- MA2030 Mathematical Logic and Set Theory
- MA2310 Calculus & Analytical Geometry I
- MA2320 Calculus & Analytical Geometry II
- MA3030 Discrete Mathematics
- MA3160 Linear Algebra
- MA3180 *Foundations of Secondary School Mathematics
- MA3210 Probability & Statistics
- MA3330 Calculus & Analytical Geometry III
- MA4510 Geometry
- MA5120 Abstract Algebra I
- MA5320 Advanced Calculus I
- CS2510 Programming I

*Students who pass a placement test may take a Math or CIS elective in place of MA3180. Contact the mathematics education coordinator for further details.

B. General Education Courses
Students must complete all requirements of the Old Westbury General Education (GE) program. MA2500 and an additional course from GE Domain 3A are strongly recommended.

C. Education Core Courses
- ED3820 Foundations of Special Education
- ED3900 Foundations of Education
- ED4230 Reading Across the Curriculum
- ED4231 Reading Practicum
- ED4740 Interdisciplinary Instructional Strategies
- ED4742 Middle Childhood & Adolescence (crosslisted as PY3220)
- ED4082 Methods and Materials of Teaching Math in Secondary School
- ED5901 Pre-teaching Practicum & Seminar
- ED5900 Student Teaching & Seminar in Adolescence Education (grades 7-12)

D. Other Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere. A grade of C is required in all mathematics courses.
ADOLESCENCE EDUCATION - SPANISH

Coordinator: Fran Malkin

Bachelor of Arts (B.A.) Degree in Adolescence Education Spanish - Grades 7-12
Students in this program earn a degree in both Spanish Language, Hispanic Literature and Culture, and Adolescence Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Adolescent Education (grades 7-12) teachers. The School of Education Spanish Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have an advisor from the Modern Languages Department. See below for specific requirements.

A. Spanish Content Requirements
Candidates must complete all requirements for one of the options of the BA degree in Spanish Language, Hispanic Literature and Culture. See page 83-85 of this catalog for details.

B. General Education Courses
Students must complete requirements of the Old Westbury General Education program.

C. Education Core Courses
ED3820 Foundations of Special Education
ED3900 Foundations of Education
ED4230 Reading Across the Curriculum
ED4231 Reading Practicum
ED4742 Middle Childhood & Adolescence (crosslisted as PY3220)
ED4083 Methods and Materials of Teaching Spanish in Secondary School
ED5901 Pre-teaching Practicum & Seminar
ED5900 Student Teaching & Seminar in Adolescence Education (grades 7-12)

D. Special Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere.
Candidates must complete the Oral Proficiency Interview exam prior to completing the program. See the Spanish Education Coordinator for further details.

Bachelor of Science (B.S.) Degree in Middle Childhood Education Spanish - Grades 5-9
Students in this program earn a degree in both Spanish Language, Hispanic Literature and Culture and Middle Childhood Education. Candidates successfully completing this program of study are recommended by the College at Old Westbury to New York State for initial certification as Middle Childhood Education (grades 5-9) teachers. The School of Education Spanish Education coordinator is responsible for advising and approving students as they progress through the School of Education program. Students should also have an advisor from the Modern Languages Department. See below for specific requirements.

A. Spanish Content Requirements
Candidates must complete all requirements for one of the options of the BA degree in Spanish Language, Hispanic Literature and Culture. See page 83 of this catalog for details.

B. General Education Courses
Students must complete requirements of the Old Westbury General Education program.

C. Education Core Courses
ED3820 Foundations of Special Education
ED3900 Foundations of Education
ED4230 Reading Across the Curriculum
ED4231 Reading Practicum
ED4740 Interdisciplinary Instructional Strategies
ED4742 Middle Childhood & Adolescence (crosslisted as PY3220)
ED4083 Methods and Materials of Teaching Spanish in Secondary School
ED5901 Pre-teaching Practicum & Seminar
ED5910 Student Teaching & Seminar in Middle Childhood Education (grades 5-9)

D. Special Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere.
Candidates must complete the Oral Proficiency Interview exam prior to completing the program. See the Spanish Education Coordinator for further details.
ADOLESCENCE EDUCATION – SOCIAL STUDIES

Program Coordinators: Xavier Maréchaux (School of Education) and Judith Walsh (History and Philosophy Department)

Bachelor of Arts (B.A.) Degree in Adolescence Education Social Studies - Grades 7-12
Students in the B.A. in Adolescence Education Social Studies earn a degree that combines a content core in history and the social sciences with a pedagogy core that fulfills New York State requirements for Adolescence Education (grades 7-12). The degree is housed in the History and Philosophy department and offered jointly by History and Philosophy and the School of Education.

Students must be admitted to the School of Education to graduate with this degree. All Social Studies majors need two advisers: one in the History and Philosophy Department for content courses, and one in the Secondary Education Department for pedagogy courses. The History and Philosophy advisor sees majors as early as freshman year or on admittance to Old Westbury, and continues to advise majors on content courses after admission to the School of Education. The Secondary Education Department oversees candidates’ progress on admission to the School of Education and through the transition points of the degree. The SOE supervises candidates within required pedagogy courses, and admits candidates (on application) to the field practica courses, and to student teaching.

The B.A. in Adolescence Education: Social Studies is nationally recognized by the National Council for the Social Studies (NCSS). Upon graduation from the program and completion of all State certification tests and requirements, graduates are fully certified to teach social studies at the high school level in New York.

The B.A. in Adolescence Education: Social Studies was revised in spring 2008 and the revised degree is required for all students accepted into the School of Education for fall 2008. Please consult the Social Studies coordinator (School of Education) or Dr. Judith Walsh (History and Philosophy Department) for detailed information on the requirements for this major or with questions about requirements for the earlier program.

A. Social Studies Content Requirements
The requirements for students entering the School of Education as of fall 2008 or later are listed below. Students who were accepted into the SOE and began the Social Studies major prior to fall 2008 should see a History and Philosophy advisor for earlier requirements.

U.S. History: 16 credits
Two required survey courses and two electives in American History. (One survey and three electives with permission of History and Philosophy department advisor.)

Survey courses: 8 credits
- AS3112 American People I
- AS3122 American People II

Elective courses: 8 credits - two of the following:
- AS3262 African American History I
- AS3263 African American History II
- AS3462 History of Women in the U.S.
- AS4212 Early America
- AS4215 Critical Ideas in Am History
- AS4218 Civil War and Reconstruction
- AS4222 The Gilded Age
- AS4252 Immigrants, Migrants, and Americanization
- AS4282 America War & Peace, 1898 to the Present
- AS4285 Vietnam and After
- AS4292 1945-1975 Popular Culture Social Change
- AS4420 History of NY City and Suburbs
- AS4432 History of Women’s Movement
- PE3850 State and Local Politics
- PE4655 Constitutional Law and Politics

European History: 8 credits
Required survey course on European History:
HI2681 Intro to European History

One of the following (see History & Philosophy advisor for complete list):
- HI3002 Rise of Reason
- HI3011 Foundations Judeo-Christian Tradition
- HI3021 Europe in Middle Ages
- HI3030 From God to Machine (if not used for Science/Tech requirement)
- HI3102 Hispanic Heritage
- HI3455 Mod European Revolutions
- HI3695 Modern Russia
- HI4415 Europe of the Dictators
- HI4557 Renaissance Ref Europe
- PE4620 Political and Social Thought

History of Asia, Africa, the Middle East, and Latin America: 12 credits
Three courses chosen from 3 of the following 4 world regions (see History & Philosophy advisor for complete list):

Asia
- HI3080 Asian Cultures
- HI4632 Japanese History
- HI4800 History of India
- HI4905 Chinese Civilization
- PE4660 Politics of South Asia

Africa
- HI3091 African Cultures
- HI3640 African History
Middle East
HI3835  Islamic Cultures
HI4304  Golden Age of Islam

Latin America
HI3110  Latin American Culture
PE4690  Politics of Latin Am & Caribbean

Global Connections: 4 credits
One course from the following:
HI4001  19th Century
HI4011  20th Century
ASS000  U.S. in World and Multicultural Historical Perspective
PE4580  Origins of the Capitalist Economy
PE4590  Global Economy in the 20th Century

Science, Technology and Society: 4 credits
One of the following:
HI2200  Science in Western Civilization
CP2050  The Nature and Development of Science
HI3030  God to Machine: 16th-18th Century

Geography: 4 credits
PE3600  People, Places and Environments

Politics: 4 credits
PE2650  Intro to U.S. Politics

Economics: 8 credits
Required:
PE1401  Introduction to Economics
One of the following:
PE2420  Principles of Microeconomics
PE2430  Principles of Macroeconomics

Social Studies Capstone Course: 4 credits
HI5000  Senior Seminar

B. General Education Courses
All students must fulfill the College’s General Education Program requirements. Students should see an advisor in History and Philosophy as soon as possible in their college careers to discuss specific course selections for General Education requirements.

C. Social Studies Pedagogy Courses 36 cr.
ED3900  Foundations of Education
ED3820  Foundations of Special Education
ED4230  Reading Across the Curriculum
ED4231  Reading Practicum
ED4742  Psychology of Middle Childhood and Adolescence
ED4086  Methods & Materials of Teaching Secondary Social Studies (taken concurrently with ED5901)
ED5901  Observation, Practicum and Seminar (taken concurrently with ED4086)
ED5900  Student Teaching in Secondary School and Seminar

D. Other Requirements
Candidates must earn a grade of C- or higher in all required courses for the degree, whether taken at Old Westbury or elsewhere. A grade of B is required in ED4086 and ED5901 for Social Studies candidates to progress to student teaching.
OTHER ACADEMIC OFFERINGS

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

The College at 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 College of Osteopathic Medicine (NY Institute of Technology) in 7 years of study, 3 at Old Westbury and 4 at NYCOM. 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.

The College at 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>
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<tbody>
<tr>
<td>CP2120</td>
<td>Principles of Chemistry I</td>
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<td>CP2121</td>
<td>Principles of Chemistry Lab I</td>
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<td>CP2130</td>
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<td>CP2131</td>
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<td>BS2400</td>
<td>Basic Bio Sciences I w/Lab</td>
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<td>Basic Bio Sciences II w/Lab</td>
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<td>CP3300</td>
<td>Organic Chemistry I</td>
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<td>Organic Chemistry Lab I</td>
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<tr>
<td>CP3310</td>
<td>Organic Chemistry II</td>
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<td>CP3312</td>
<td>Organic Chemistry Lab II</td>
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<td>CP2220 or CP2221</td>
<td>Physics I*</td>
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<td>CP2220 or CP2241</td>
<td>Physics I Lab</td>
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<tr>
<td>CP2230 or CP2250</td>
<td>Physics II*</td>
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<td>CP2231 or CP2251</td>
<td>Physics II Lab</td>
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<td>MA2310</td>
<td>Calc. &amp; Anal. Geometry I</td>
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<tr>
<td></td>
<td>Two semesters: English Composition**</td>
<td>8</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>PY2010</td>
<td>Introduction to Psychology</td>
<td>4</td>
</tr>
<tr>
<td>CP4510</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
</tbody>
</table>

III. Additional Comments:

* Consult a science advisor.

** The English Composition requirement can be satisfied by writing courses in the English Department.

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.

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:

ACCOUNTING MINOR
Sponsoring department: Accounting

In one form or another, 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 modern 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
   Option I – Tax Emphasis
   BU4530 Accounting Applications on Computer
   BU5517 Federal Income Tax II

   Option II – Internal Reporting Emphasis
   BU4590 Cost Accounting
   BU5505 Essentials of Government and Nonprofit Accounting

   Option III – Public Company Emphasis
   BU5525 Fundamentals of International Accounting (2 cr.)
   BU5540 Advanced Accounting
   BU5550 Auditing
   BU5555 Foundations of Accounting Information Systems (2 cr.)

   Option IV – General Accounting Emphasis
   Choose any 8 credits from Options I through III.

   BUS555 Introduction to Business Taxation (2 cr.)
   Option V – Public Company Emphasis
   BUS5570 Introduction to Business Taxation (2 cr.)

   BUS5570 Introduction to Business Taxation (2 cr.)
AFRICAN AMERICAN STUDIES MINOR

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

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 historical 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 one 2000 level course or below is 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)
AS2282 Introduction to African-American Studies
HI3704 African Philosophy and Religion
HI3907 African Film
PY4730 African American Family Dynamics
SY4900 Social Movements

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

1. History
   AS/HI3130 The Black Church in America
   AS3262 African American History I
   AS3263 African American History II
   AS3270 Africa in the Americas
   AS3412 African American Women’s History
   HI3640 African History
   HI4650 The History of African Enslavement
   HI3704 African Philosophy and Religion
   HI3907 African Film
   PY4730 African American Family Dynamics
   SY4900 Social Movements

2. Cultural/Social Institutions
   AS3812 African Americans in the Mass Media
   AS4715 African American Thought and Culture
   HI3091 African Cultures
   HI3610 America’s African Heritage I
   AS3532 Literature of African American Women
   AS3612 African-American Literature
   EL3870 Literatures of Africa
   EL3811 Survey of African American Literature
   EL4010 The Harlem Renaissance
   EL4040 Women Writers of the Harlem Renaissance
   EL4070 Topics in African American Literature
   EL4090 Afro-American Novel
   EL4091 Afro-American Poetry and Plays
   EL4405 Caribbean Literature

COMPUTER & INFORMATION SCIENCE MINOR

Sponsoring department: Mathematics/CIS

Required Courses 20 credits

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

CS Elective (Required): Any CS course at or above the 4000-level (excluding CS4100 Technical Communications)

Please note that the above CS courses require mathematics prerequisites, including MA2030, 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.
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 minor-ing 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
   HS4900 Health and Society Field Placement
   PE5999 Internship
   PY5510 Advanced Issues in Social Psychology & Social Policy
   SY5990 Senior Seminar

C. Elective Courses: at least two additional courses chosen from the following list (8 credits)
   AS4200 Environmental Journalism
   BS2490 Environmental Science
   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
   HS4800 Epidemiology
   HS4890 Environmental Policy and Politics
   PE3720 Long Island Economy, Environment and Society
   PY3540 Environmental Psychology

FRENCH STUDIES MINOR

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
GENERAL BUSINESS MINOR
Sponsoring department: Management, Marketing, and Information Systems

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 six (6) courses which represent the various business disciplines.

A. Required Courses: four courses:
- BU4110 Organizational Behavior & Management
- BU3800 Principles of Marketing
- BU3502 Principles of Accounting I
- BU2430 Principles of Macroeconomics

B. Elective Course: one of the following:
- BU3511 Principles of Accounting II
- BU2420 Principles of Microeconomics
- BU5851 Consumer Behavior
- BU4230 Information Systems for Managers
- BU5171 Human Resource Management
- BU5125 Management and Society

GLOBAL STUDIES MINOR
Sponsoring departments: English, History and Philosophy, Modern Languages and Politics, Economics & Law

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
- HI4351 War and Peace in Western Civilization
- PE3100 International Relations
- 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

2. Regional Courses (at least one)
- EL3865 Literatures of Asia and the Middle East
- EL3870 Literatures of Africa
- EL3880 Masterpieces of Hispanic Literature
- EL4405 Caribbean Literature
- HI3080 Cultures of Asian Peoples
- HI3091 African Cultures
- HI3102 Hispanic Heritage
- HI3110 Latin American Culture
- HI3640 African History
- HI3692 Modern Asia
- HI3704 African Philosophy
- HI3835 Islamic Cultures
- HI4308 Islam and the Modern World
- HI4632 Japanese History Through Literature
- 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 (General Education)

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 General Education 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.

INDUSTRIAL AND LABOR RELATIONS MINOR

Sponsoring department: Politics, Economics and Society

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 Work
- IR3415 Labor Economics
- IR3500 Arbitration and Mediation
- IR3860 Development of the Modern Corporation
- IR4200 Strategic Research for Labor Relations
- IR4320 Labor and Employment Law
- IR4340 Public Sector Labor Law and Collective Bargaining

Industrial and Labor Relations course descriptions are found on page 185.

MARKETING MINOR

Sponsoring department: Management, Marketing, and Information Systems

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. An understanding is also developed of the usage of marketing research as an essential tool. 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: three courses

- BU3800 Marketing Principles
- BU5800 Marketing Research
- BU5851 Consumer Behavior

B. Elective Courses: two of the following

- BU4801 Advertising and Promotion
- BU5820 International Marketing
- BU5865 Services Marketing
- BU5880 Brand Theory and Strategy
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.

A. Required Courses: three courses  12 credits
   MA2030 Mathematical Logic and Set Theory
   MA2310 Calculus and Analytic Geometry I
   MA2320 Calculus and Analytic Geometry II

B. Elective Courses: two courses  8 credits
   MA3030 Discrete Mathematics
   MA3160 Linear Algebra
   MA3210 Introduction to Probability and Statistics
   MA3330 Calculus and Analytic Geometry III

MEDIA AND COMMUNICATIONS MINOR
Sponsoring department: American Studies
Media has become a central force in U.S. and global society – impacting on all of culture from politics to education, molding, massaging every aspect of modern life.
An understanding of media is a critical tool in understanding and functioning in contemporary society. “Media literacy” has become a basic educational need. Whether it be comprehending the ways of campaigns today for President, Congress, Governor or local office, or modern economics, or reaching through to educate children brought up in the “media culture”, a solid foundation in knowing the dynamics of media is essential.

The minor consists of 24 credits:
A. Foundation Course (required)
   AS2802 Introduction to Journalism and Media

B. Theory Courses (two courses required)
   AS2652 Media Studies
   AS3492 Women and the Media
   AS3712 American Film Genres
   AS3722 History of Mass Media
   AS3732 Politics of Media
   AS3842 African-Americans in the Mass Media
   AS4722 Film: Images and Ideas
   AS4802 Investigative Reporting
   SY4651 Sociology of Communications and Media

C. Hands-on Courses (two courses required)
   Select two courses from the Print Track, Radio Track, Video and Television Track or the New Media Track listed on pages 78-79.

D. Internship (required)
   AS4832 Internship in Journalism
   (Media and Communications)

MEDIA DESIGN MINOR
Sponsoring departments: American Studies and Visual Arts
Requirements
24 credits, distributed as follows:

A. Theory Courses: two courses (8 credits)
   AS3625 America By Design
   AS3632 History of U.S. Film
   AS3712 American Film Genres
   AS3722 History of Mass Media
   AS3732 Politics of Media
   AS3742 Myths and Images in Film
   AS4722 Film: Ideas and Aesthetics
   AS4725 The Photograph and American Culture
   AS5420 Propaganda and Mass Persuasion
   AS5712 Mass Media and Popular Culture
   AS9990 Independent Study
   VA2020 Basic Design
   VA2030 Drawing
   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

C. Internship (4 credits)
   AS4832 Internship in Journalism
   VA4900 Internship

   AS3380 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

Rationale
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)
   EL2421 Introduction to Language
   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)
   EL3100 Oral Interpretation / Oral Tradition
   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
   EL4200 Biblical-Classical Foundations of Multicultural Literature
   EL4300 20th-Century Literature: Colonialism and PostColonialism
   EL4325 Shakespeare: Selected Plays
   EL4380 The Novel
   EL4402 Sin and Sexuality in Literature
   EL4500 Topics in British/U.S. Literature

D. Perspectives on Literature (4 credits-choose ONE course from any group)
   EL4510 Modern Drama and theater
   EL4540 Epic East and West

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
   EL3811 Survey of African American Literature
   EL4000 Native American Literature
   EL4010 Harlem Renaissance
   EL4020 Asian American Literature
   EL4040 Women Writers of the Harlem Renaissance
   EL4070 Topics in African American Literature
   EL4090 African American Novel
   EL4091 African American Poetry and Plays
   EL4405 Caribbean Literature

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

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), Carla Barrett (Sociology).

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:**

**General Education:** The courses constituting the pre-law minor are upper division courses, i.e., levels 3000 and above. However, prior to taking these courses, you must choose one 2000-level course in the General Education 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 General Education requirements, pre-law students are also advised to consider the following which provide useful background information and skills:

- AS1162 Social Control and Social Change
- AS3112 American People I
- AS3122 American People II
- AS3462 History of Women in the U.S.
- HI2681 Introduction to European History
- HI2720 Introduction to Philosophy
- HI4001 Nineteenth Century
- HI4101 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
- PE4320 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
- CR4099 Sociology of Violence
- HI3752 Ethics
- HI3752 Ethics
- HI2720 Introduction to Philosophy
- HI4001 Nineteenth Century
- HI4101 Twentieth Century
- PE2650 Introduction to U.S. Politics
- PE4580 Origins of the Capitalist Economy

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

- CR4099 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 (AS4202) 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 Academic Village, B011, 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
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.

B. Two courses from the following: 8 cr.
- PY3210 Infancy & Childhood
- PY3230 Adulthood & Aging
- PY3310 Abnormal Human Behavior
- PY3510 Social Psychology
- PY3520 Group Process
- PY4220 Middle Childhood & Adolescence
- PY4310 Theories of Personality

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.

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
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
- 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
- BUS5125 Management & Society
- BUS5472 Industrial Organization & Public Policy
- HS4750 Aging & Social Policy
- HS4760 Health Administration
- HS4790 Health Policy
- HS4890 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
SY4160 Sociology of Culture
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
PES999 Internship in Politics, Economics and Society
PE9970 New York State Legislative Internship
PY4330 Behavior Modification

SOCIAL WORK MINOR
Sponsoring departments: Health and Society, Psychology and Sociology
Faculty Advisors: Harvey Catchen (Health and Society), Minna Barrett (Psychology), Naintara Vaid (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)
   CR4094 Drugs and Society
   HS4450 Sex in Humans
   HS4631 Mental Health
   HS4650 Substance Use and Abuse
   PY3210 Infancy and Childhood
   PY3230 Adulthood and Aging
   PY3310 Abnormal Human Behavior
   PY3330 Psychology of Addictions
   PY3620 Mood, M entation, and Medication
   PY4220 Middle Childhood and Adolescence
   PY4310 Theories of Personality
   PY4320 Counseling Psychology
   PY4330 Behavior Modification

C. Social and Cross-Cultural (4 credits)
   CR3090 Juvenile Delinquency
   CR4092 Victimology
   PY2340 Community Psychology
   PY2720 Psychology of Gender
   PY3520 Group Process
   PY3560 Psychology of Violence in the U.S.
   PY4520 Family Dynamics
   PY4560 Psychological Traumatization
   PY4720 Psychology of Women
   PY4730 African-American Family Dynamics
   PY5770 Cross-Cultural Psychology
   SY3550 Social Problems
   SY3600 Social Deviance
   SY3700 Family and Society
   SY3800 Sociology of Minorities
   SY4160 Sociology of Culture
   SY4280 Social Inequality
   SY4400 Social Psychology
   SY4500 Cross Cultural Analysis
   SY4750 Medical Sociology

D. Planning and Policy (4 credits)
   HS4740 Gerontology: Long-Term Care
   HS4750 Aging and Social Policy
   HS4790 Health Policy
   PY5520 Families and Public Policy
   SY4060 Poverty and Social Welfare
   SY4600 Social Programs, Planning and Policy

E. Research and Internship (4 credits)
   PY3130 Internship in Applied Psychology
   PY4130 Field Experience and Research
   SY4270 Internship in Social Work, Sociology and Criminology
   SY4560 Field Research
   SY4570 Computers and Social Statistics

Note: A minimum of 12 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):
   OR
   ML1110 or CE2010 Basic Spanish II
   ML2100 Intermediate Spanish I
   ML2120 Intermediate Spanish II
   ML2115 Business Spanish
   AND
   ML3100 Intensive Spanish Conversation and Composition

B. One Survey Course in English (4 credits):
Select one:
- CH3102 Hispanic Heritage
- CH3110 Latin American Culture
- CH3480 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 four required courses (16 credits) and three elective options: art history; fine art; or applied art.

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: four courses** (16 credits)
- VA2020 Basic Design 4 credits
- VA2030 Drawing 4 credits
- VA2500 Art History Survey I 4 credits
- VA3500 Studio Workshop 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: three of the following (12 credits)
  - VA2010 Intro to Creative Thinking 4 credits
  - VA2400 Intro to Photography 4 credits
  - VA3100 Visual Culture: Warhol to the Present 4 credits
  - VA3500 Studio Workshop 4 credits

**Option 3**
- Applied Art: two of the following (8 credits)
  - VA3400 Digital Imaging 4 credits
  - VA4242 Print Design 4 credits
  - VA4265 3-D Digital Design 4 credits

**WOMEN’S STUDIES MINOR**

**Sponsoring departments: American Studies; English; Psychology**

Women’s Studies (Gender Studies or Feminist Studies as it is sometimes called) is not merely the study of women. It examines the world and the human beings who inhabit it by focusing on questions, analyses and theories built directly on women’s scholarship and experience. Women’s Studies is not merely a complementary correction to the established disciplines; it is also a discipline of its own, requiring an interdisciplinary approach. Women’s Studies challenges basic methods and presuppositions in established disciplines; it also crosses boundaries, giving fresh views into subject matter and creating a coherent new way of viewing the world. When women are placed at the center of the inquiry, everything changes, as if a kaleidoscope has been turned.

Today there are women’s studies organizations, conferences, graduate programs, research centers, workshops, journals and magazines. There are also jobs for women’s studies students in publishing houses, magazines, newsletters, women’s centers’, midwives’ centers, mothers’ centers, day care centers, as well as law firms, medical practices, public relations firms, human rights organizations, employment centers, etc.

**Requirements**

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

**A. Foundation Course:**
- AS1512 Introduction to Women’s Studies 4 credits

**B. Three Electives**
(selected out of two of the following three groups)

**Group A: History**
- AS3402 Women, Work and Careers
- AS3412 African American Women’s History
- AS3462 History of Women in the U.S.
- AS3482 History of Love and Sexuality
- AS4432 History of the Women’s Movement
- HI4420 Women and Witchcraft
Group B: Literature
AS3532 Literature of African-American Women
AS4652 Women Writers
EL2222 Women's Voices
EL2229 Men and Women Together
EL4030 Women and Narrative
EL4040 Women Writers of the Harlem Renaissance
EL4050 Lesbian and Gay Literature
ML4450 Hispanic Women Writers (taught in Spanish)

Group C: Social Perspectives
AS3432 Women: Cultural Issues
AS3452 Growing Up Female
AS3852 Women and the Media
BU5851 Consumer Behavior
HS4610 Women and Health
PE3450 Women from a Global Perspective
PY2720 Psychology of Gender
PY4720 Psychology of Women

C. C. WS 4900, Internship in Women's Studies
Prerequisite: WS1000 Introduction to Women's Studies or equivalent course
(or one additional elective from the lists above)
(With approval from the Women's Center's Academic Director, students may substitute an appropriate internship in the following departments: AS 4202 Internship in Government and Community, EL 4100 English Internship, HP 3995 Career Internship; HS 4900 Health and Society Field Placement; IR 5900 Internship in Industrial/Labor Relations, PE 5990 PEL Internship, PY 3130 Internship in Applied Psychology, SY 4270 Internship in Social Work, Sociology and Criminology, VA 4900 VA Internship)

D. WS 9990 Independent Study
(With approval from the Women's Center Academic Director, may be substituted for one elective from the lists above)
(by arrangement with an Affiliated Faculty member)
COURSE DESCRIPTIONS
All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

Required courses are offered every semester. Most courses are offered on a two year cycle. Some courses listed below are offered on varying schedules and are not necessarily offered each semester or each year. During the summer or winter sessions, only a few 4000-level courses are offered and typically, no 5000-level courses.

**AS1152 Themes in U.S. History**
4 cr.
The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change.

**Prerequisite:** BE II.

**AS1162 Social Control and Social Change**
4 cr.
This course explores social control as the means by which power is exercised and maintained in American society: repression, racism, sexism, education, media, work, class divisions, and political parties. In other words, who controls whom, and how? The course emphasizes the balance between social control, social protest, and social change.

**Prerequisite:** BE II.

**AS1512 Introduction to Women's Studies**
4 cr.
Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every semester.

**Prerequisite:** BE II.

**AS2020 New Media CE**
4 cr.
Professional journalists are competing with a new type of amateur reporter: citizen journalists. Equipped with digital cameras and recorders these reporters cover their own communities posting multi-media content on-line. This course is an introduction to citizen journalism. Students will learn how to report, write, edit, produce, and host a weekly online radio news show and a news blog covering the campus community and the First Year Civic Engagement Program.

**Prerequisite:** FY1000

**AS2202 Contemporary U.S. Society**
4 cr.
An introduction to social, economic and political stratification in the United States. Sources and consequences of inequality are explored through an examination of educational, political, and occupational structures.

**Prerequisite:** EC I.

**AS2275 Current Issues**
4 cr.
This course is a lecture series; the topics include current controversies such as: racism in a multicultural world, the Earth: will it survive?, wealth and poverty, media, violence, health care, and the family. The course includes readings pertinent to each subject from newspapers, magazines, texts and novels. Lectures are open to the entire college community.

**Prerequisite:** EC I.

**AS2282 Introduction to African-American Studies**
4 cr.
This is an introductory course in the themes and issues of African-American history. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality.

**Prerequisite:** EC I.

**AS2652 Media Studies**
4 cr.
Offers a social and political history of the media from the rise of the printing press to twentieth century mass media. Media is examined in the context of the political and social economies within which they were developed. A range of media is studied through scholarship and primary texts: art, movies, advertisements, interviews, novels, short stories, and photographs.

**Prerequisite:** EC I.

**AS2700 The Engaged Eye**
4 cr.
In this introductory course students are introduced to efforts by artists and reformers who use the camera for social change and social justice. The approach will be biographical and historical. Students will learn about the work of photographers such as Jacob Riis, Lewis Hine, and Dorothea Lange, along with more contemporary photographers, by placing their photographic projects within the context of the artist's life and times.

**Prerequisite:** EC I.
AS2752  American Autobiography 4 cr.
This course studies the form of autobiography through weekly writings about the student's own life. Focuses on the most important elements of identity in America: class, race and gender. Students read authors' and students' autobiographies to learn about writing as a craft, finding one's own style, developing confidence in it and working at it. Offered periodically.
Prerequisite: EC I.

AS2802  Introduction to Journalism and Media 4 cr.
This introductory course presents journalism in all its forms: newspaper, television, radio, video, magazines, and the Internet. Students receive practical training in journalistic skills. They report and write news, feature stories, editorials, and reviews. The course also covers the history of American journalism and makes use of the college's TV studio. Offered every semester.
Prerequisite: EC I.

*AS2812  Community Journalism Internship 4 cr.
In this internship students work at community newspapers on Long Island and in New York City, to learn about journalism first-hand. Students meet regularly with the instructor to discuss and analyze their experiences. Each student prepares a portfolio from the internship and an essay on the experience.
Prerequisites: EC I; permission of instructor.

AS3112  American People I 4 cr.
History of the American people to 1877 which emphasizes the experience of “ordinary” people as well as the contributions of elites. Topics include: the American Revolution and the Constitution, the origins and development of slavery, the development of Northern capitalism, territorial expansion and dis of Native Americans, and the conflicts which led to the Civil War. Novels and films supplement more traditional texts. Offered every semester.
Prerequisite: EC II.

AS3122  American People II 4 cr.
History of the American people, 1877 to present. Topics include: Reconstruction, the Industrial Revolution and the growth of the corporation, the creation of the working class, World Wars and American expansion, Progressivism, the Depression and the New Deal, the rise of industrial unionism, the Cold War, and the Civil Rights movement and new challenges emerging with the rise of global capitalism. Novels and films supplement more traditional texts. Offered every semester.
Prerequisite: EC II.

AS3130  The Black Church in America 4 cr.
This course examines the development of the Black Christian Church in its visible and “invisible” institutional forms during the colonial period, and the merging of these two branches, free and slave, following the Civil War. Also the emergence of Holiness and Pentecostal sects, the impact of urban migrations on black spiritual expression, the Black church and civil rights, gender issues, and the recent challenge of Islam will be covered.
Prerequisite: EC II.

AS3222  History of City and Suburb 4 cr.
An examination of the growth and development of U.S. cities and suburbs in the 19th and 20th centuries, including their physical form, economic conditions, social life, and politics. Although the course will be broad in scope, particular attention will be given to New York City and its suburbs.
Prerequisite: EC II.

AS3225  Long Island History 4 cr.
Long Island History will explore the development of Long Island from Dutch Settlement days through 1980. Students will explore Long Island through a number of unique perspectives—literature, history texts, site visits, films and speakers. In literature, readings will focus on a series of Long Island writers from personal diaries to Walt Whitman, F. Scott Fitzgerald, Susan Isaacs, and others. In history texts, selections will include African-Americans’ and immigrants’ experiences; The Revolutionary War; The Underground Railroad; maritime and agricultural history; Gold Coast hideaway for the rich and famous; Cradle of Aviation, roads, railroads, the middle class, politics and Robert Moses; WWII and the rise of technology; suburban archetype, suburban Paradise; Racing to the Moon; and ethnic and religious diversity. Scheduled site visits—museums, places of worship, historical sites, working harbors, ethnic enclaves, and food emporiums—will enhance the reading materials. Selected films on Native Americans, the Brooklyn Bridge, mansions of the Gold Coast, the Baymen and major league baseball will round out our picture of Long Island, past and present. Finally, guest speakers will include two Long Island natives who will provide remembrances about “their Long Island.”
Prerequisite: EC II.

AS3252  U.S. Social Movements 4 cr.
This course explores the causal conditions, nature, and impact of progressive social movements in America. Varying sets of activist biographies and social movement histories related either by period or theme will be selected for study. Possible topics include the abolition, temperance, feminist, peace, labor, civil rights, reproductive rights, and environmental movements.
Prerequisite: EC II.
AS3262 African-American History I  
4 cr.
A history of the African American experience, the origins in Africa, the slave trade, plantation slavery and the Civil War. Course covers major movements and figures during the period 1609-1865.

Prerequisite: EC II.

AS3263 African American History II  
4 cr.
An historical survey of African American history from the Civil War to the present. The course examines Reconstruction, the rise of segregation, the migration to the north and west, protest organizations, the Civil Rights movement, and ongoing debates over the significance of race in America.

Prerequisite: EMS.

AS3270 Africans in the Americas  
4 cr.
This course will explore the history of these scattered populations of Africa, their dispersal to the various regions of the world, especially the Western hemisphere, the circumstances and institutions which shaped the evolution of these diaspora communities, and the continuing physical and emotional ties to Africa and Africans. The dispersal of black people from their homes in the continent of Africa to the diverse geographical sites all around the world is one of the more momentous, historical and sociological events in the trajectory of world history.

Prerequisite: EC II.

AS3402 Women, Work and Careers  
4 cr.
This course is an historical overview of women's work in the United States. It covers colonial times to the present system of sex-segregated work. It looks at developments in unpaid work such as housework and child rearing, as well as developments in work for wages, technology, unions, education, and social welfare. Changing career options for women is explored.

Prerequisite: EC II.

AS3412 African American Women's History  
4 cr.
This course focuses on the distinct experiences of African-American women in the 19th and 20th centuries. The course includes the experiences of women in slavery, social movements, abolition, anti-lynching, suffrage, civil rights, and Black Power as well as the writings and lives of the major figures.

Prerequisite: EC II.

AS3432 Women: Cultural Issues  
4 cr.
An interdisciplinary course that looks at the lives of women across the world. Readings and materials focus on the variety of circumstances in which women live, the factors that directly influence their situation, the interaction between cultural constraints and existential possibilities, and women's efforts to change and improve their own and others' lives.

Prerequisite: EC II.

AS3462 History of Women in the U.S.  
4 cr.
This course surveys women's experience from 1620 to the present. The course analyzes women's connection to key aspects of American history such as the American Revolution, slavery and the 20th century development of the welfare state. This course posits women as agents of change in American history, but the course also examines how the study of women over time raises questions about traditional chronologies of American history. Students will be introduced to well-known and little known women and their individual and collective attempts to reshape American society through examination of diaries, autobiographies, fiction, government hearings and film.

Prerequisite: EC II.

AS3482 History of Love and Sexuality  
4 cr.
This course examines the politics, psychology, and culture of sex and love in the past 2,000 years, as well as the material base of romance. The social constructions of love and sexuality are explored. Students read novels, poems, love songs, and soap operas, along with traditional historical materials. Special emphasis is given to ideas and practices of Greek, Roman, Christian, Victorian, and modern sexuality and romance. Topics include AIDS, rape, prostitution and pornography.

Prerequisite: EC II.

AS3632 History of U.S. Film  
4 cr.
This course studies the art form of film and how it evolves from its birth in the early decades of the 20th century to the present. The course deals with the history of film itself, the relations between film and larger historical forces in U.S. society, as well as with history as seen through film as well as filmic conventions. Film content and form are examined for cultural symbols and myths, illusions and fantasy. Uses films of many different kinds as well as some historical writings on the cinema. Students must see and comment on all the films shown in the course. Offered periodically.

Prerequisite: EC II.

AS3640 A History and Culture of Latinos/Latinas in the U.S.  
4 cr.
This course explores the growing Latino political, social, and cultural presence in the U.S. The history of Latin America and Caribbean migration to the U.S. will be analyzed, along with the changing movement of Latinos to urban, rural and suburban areas. Students will be introduced to Latinos‘ attempts to attain political muscle commensurate with their growing numbers; special attention will be paid
to the issue of citizenship. Particular cultural forms will be analyzed to explore the tensions and possibilities of cultural production in the U.S. context, such as Mexican conjuntos and murals, or Puerto Rican casitas.

**AS3702 Best Sellers**

4 cr.

What makes a book popular? What keeps it on the best seller lists, sometimes for months? Why do some books sell millions of copies? This course studies current books that have become best sellers, including novels, nonfiction, “how-to” books, health books, romances, and mysteries. Some of these are good, some are bad, some are indifferent. Their common denominator is that lots of people read them.

**Prerequisite:** EC II.

**AS3712 American Film Genres**

4 cr.

This course is an in-depth examination of classic genres of films in the United States: silent comedy, the Western, the melodrama, the gangster film, science fiction, horror, and musical comedy. Investigates the connection between genre forms and the development of Hollywood mythology and how genres create an ideological prism for understanding U.S. society.

**Prerequisite:** EC II.

**AS3722 History of Mass Media**

4 cr.

Learn the history of the mass media from print to television. We will examine the parts played by government, private enterprise, social movements, and technology in the development of the major mass media. In addition to the political economy of the media, the course will cover the conflicts over civil liberties, mass culture, advertising, and the rise of consumer culture in America.

**Prerequisite:** EMS.

**AS3732 Politics of Media**

4 cr.

Using a broad definition of politics—not only the world of elections or of governance, but of power relations in everyday life—this course examines how political structures affect the mass media, and how the mass media is a political force in politics. The ways in which media promotes democracy and citizenship, but also constrains democracy is central to the course. Trends, such as the branding of culture, corporate consolidation, and government deregulation are all examined, as are diverse media such as radio, advertisements, film, the news, popular music, and television sitcoms.

**Prerequisite:** EC II.

**AS3742 Myths and Images in Film**

4 cr.

This course examines the movies in terms of social myths and social values. It looks at representative films from the United States, Europe, Latin America and Africa. It explores film form as well as content and their relationship to each other.

**Prerequisite:** EC II.

*AS3792 Making a Magazine*

4 cr.

This course covers all editorial and production aspects of publishing a magazine online as well as in print. Students will learn to write articles in magazine genres. They will study the magazine from the earliest journals of the 19th century through *Time* and *Life* to popular current consumer and trade publications and successful online journals such as *Slate*.

**Prerequisites:** AS 2802 and AS3800.

**AS3800 Writing for Media**

4 cr.

The course combines instruction in the craft of journalism and teaches students to write accurately and clearly and to meet deadlines. The basics of good reporting whether for print or broadcast journalism are stressed, including how to gather and verify information, where to look for stories, how to interview, how to use sources, and how to report in a fair and balanced manner. Students will write about and cover a variety of news events and issues.

**Prerequisites:** AS3820, AS3800, or permission of instructor; EMS.

**AS3810 Popular Music and Radio in America**

4 cr.

This course is an introduction to the history of popular music and radio in American culture, politics and society. Students will be expected to help plan, research and script a radio documentary on selected topics in music or radio history which may be produced at the Old Westbury radio station.

**Prerequisite:** EMS.

**AS3820 Radio Production and Editing**

4 cr.

Learn the basic techniques of production for radio. Interviewing, studio techniques, digital audio recording and editing skills will be taught. Students will learn how to plan, script, create and edit radio content at the college radio station, OWWR, Old Westbury Web Radio.

**Prerequisite:** AS2802 or permission of instructor; EC II.

*AS3822 TV and Radio Journalism*

4 cr.

This course explores the history, the present situation and possible future of electronic journalism in the United States. It is also a practical course in which students work toward proficiency in television and radio journalism. They learn about -- and do -- newswriting, newcasting and, utilizing the College’s television studio, join together in producing television programs. They also work on field reporting or electronic news gathering. There is training in the use of audio equipment, cameras and a special effects generator or switcher. The
basics of editing using the College's television editing laboratory are explored. Students write papers which critique and compare news programs on television.

**AS3842 African-Americans and the Mass Media**  
4 cr.  
Examines the participation of African-Americans in the development of mass media in the U.S. by looking at newspapers, magazines, books, radio, records, movies, and television. The course will explore the viewpoints of African-Americans through the mass media, how they are presented and represented, and how the white-owned media influences African-American images.  
Prerequisite: EC I.

**AS3852 Women and the Media**  
4 cr.  
This course explores the ways women are depicted by the mass media and how that depiction has changed over time. It also investigates the role of women in the media professions.  
Prerequisite: EC II.

*AS4135 TV in Action*  
4 cr.  
This is an advanced course in which students, trained in video work, advance their skills by writing and producing a variety of TV programs through the College's TV Club. Students will utilize the College's TV studio, ENG equipment and the television editing laboratory. The programs that are produced will be aired via cable television and viewed on campus.  
Prerequisite: AS3822 or permission of instructor, EMS.

*AS4140 Journalism in Action*  
4 cr.  
This advanced course will explore how journalism can be a vehicle of social change and influence. It offers an opportunity for students to concentrate on specialized coverage, including sports, entertainment, fashion, investigative reporting, the environment, business, and science. Each student will concentrate on a particular subject of interest and learn how specialized content and different audiences require various forms of reporting and writing.  
Prerequisite: EMS.

*AS4145 Radio in Action*  
4 cr.  
This is an advanced course in applied radio management, programming, production, and promotions. Students will learn radio management skills that will prepare them for the real radio industry in both supervisory and employee roles. In addition, students will acquire programming skills and techniques that will enable them to think critically about the market, target audiences, station branding and marketing. Students will work with both on and off campus communities, for involvement in a variety of events for not-for-profit organizations, with an emphasis on radio community relations. The college radio station, OWWR, Old Westbury Web Radio, is where the students will implement their coursework.  
Prerequisite: AS3820, AS3800, or permission of instructor.

**AS4150 Radio on the Air**  
4 cr.  
Acquire advanced production techniques and radio programming skills. Advanced interviewing, studio techniques, digital audio recording and editing skills will be taught. Students will produce a live weekly radio show on the college radio station, OWWR, Old Westbury Web Radio.  
Prerequisites: AS3820 or permission of instructor, EC II.

*AS4155 New Media in Action*  
4 cr.  
This is an advanced course in new media theory and production. Students will create and manage interactive content for a special project in conjunction with the staff of Old Westbury Web Radio.  
Prerequisite: AS2020 or AS4260 or permission of instructor; EMS.

**AS4160 Special Topics in Media Studies**  
4 cr.  
Offers an in-depth exploration of a special topic in media studies, in an area defined by the instructor. Topics might include political campaigns and the media; the first amendment; public and private spheres in the digital age; “branding”; or a specific musical or film genre (such as a course in Rock and Roll, the Blues, or the Hollywood Musical). The course allows for a deeper theoretical, historical, institutional and/or political analysis of media and its power in American life. Students are permitted to take AS4160 for credit up to two times in which two distinct topics are covered.  
Prerequisite: EMS.

*AS4200 Environmental Journalism*  
4 cr.  
Historically rooted in the writings of early American naturalists like John Muir and Progressive muckrakers like Upton Sinclair, modern environmental journalism began with the publication in 1962 of Rachel Carson’s Silent Spring. As environmental concerns have multiplied in recent years, the field has greatly expanded. This course examines both the history and current status of this journalistic specialty. Students will learn and practice techniques of environmental journalism.  
Prerequisite: EMS.
AS4202 Internship in Government and Community 4-12 cr.
This internship is for students who would like experience working in politics, government, or community agencies. Students are placed to develop practical skills in public sector groups and agencies. Students compile a portfolio and 10-15 page essay on the experience. This is an excellent opportunity for students who think they might want to work in government or community affairs.
Prerequisites: AS3112-3122; EMS or permission of instructor.

AS4212 Early America 4 cr.
An examination of U.S. society from the Native American experience to European settlement through the Jacksonian era. Topics include: Puritanism, origins and development of slavery, American Revolution, growth of market relations, and the historical relationship between forms of economic development, social, intellectual, and religious life and politics.
Prerequisite: EMS.

AS4215 Critical Ideas in American History 4 cr.
This course examines the intellectual history of the U.S. from Puritanism to the present. Topics may include Religion, Democracy, Transcendentalism, Social Darwinism, Progressivism, Pragmatism, Conservatism, Socialism, Keynesianism and Feminism. Students will use historical documents and the works of major intellectual figures to explore the many facets of the American intellectual tradition.
Prerequisite: EMS.

AS4218 Civil War and Reconstruction 4 cr.
This course provides an in-depth examination of the coming of the Civil War, Reconstruction and the impact of these events on the development of American society afterwards. Topics covered include: slavery; abolitionism; sectional conflict; the emergence of tenant farming and debt patronage; the rise of Jim Crow; and constitutional guarantees and the limits of equality. Special attention will be given to issues of race, class and gender in considering the constitutional, political, economic, cultural and demographic changes that led to and followed from America's "Second Revolution." Films, novels, diaries, first person narratives and other primary sources will supplement historical works.
Prerequisite: EMS.

AS4222 The Emergence of Modern America 4 cr.
An exploration of social, political, economic and cultural life from the Civil War through the 1920's. Topics include the growth of the modern industrial system, the emergence of the corporation, immigration, migration, the development of the labor movement, consumer culture, populism, the rise of Progressivism, women's suffrage and the Harlem Renaissance. We will also explore the backlash against reform in the red scare following World War I.
Prerequisite: EMS.

AS4235 Atomic America 4 cr.
The United States originated atomic technology during the Manhattan Project of World War II in which the first nuclear weapons were constructed and used. More than a half-century later, the U.S. continues to be the global leader in development and deployment of atomic technology. This course examines the origination and use of atomic power for weaponry and for civilian purposes ranging from atomic power plants to nuclear-fueled space systems to food irradiation. It explores the relationship between military and civilian uses of atomic power and issues of nuclear weapons proliferation. It considers the public health and environmental impacts of atomic technology and the political and economic factors involved in its promotion. It investigates the current U.S. push for the building of "new, improved" nuclear plants worldwide.
Prerequisite: EMS.

*AS4245 Video Tools and Technology (formerly Videomaking: Music Video) 4 cr.
This course provides students with a hands-on introduction to the essential tools and techniques behind digital video production. Students will work on a series of exercises designed to help them develop basic production skills including camera operation, microphones, lighting design, and editing on Final Cut Pro. Strong emphasis is placed on developing critical viewing skills (both technical and conceptual).
Prerequisite: EMS.

AS4247 Video Production in the Field 4 cr.
This course will provide students with an opportunity to apply basic video skills (learned in AS4245: Video Tools and Technology) to produce, shoot and edit short videos. Students will gain in-depth experience with digital video cameras, microphones, lighting equipment, and the editing application Final Cut Pro while exploring how to use video as a communications tool and as a means of artistic expression. They will be encouraged to find stories that are important to them and to find ways to communicate these stories and ideas to others, using moving images and sound. The goal of this class is to use audio-visual tools to communicate in creative and effective ways, and not to simply mirror television and commercial films.
Prerequisites: AS4245; EMS.

AS4250 Immigration Today 4 cr.
Since 1965 millions of new immigrants have landed on the shores and the airports of the United States. While often compared with earlier immigrants, they diverge from their predecessors in numerous and important ways. This course will explore several broad thematic and theoretical issues in the changing nature of U.S. immigration. The aim is to introduce the students to a number of "conversations" and scholarship pertaining to where our society is now, relative to dealing with the political, economic, social and other demographic
challenges which emanate from this immigration. Video and documentary presentations will be used to supplement the lectures and reading materials.

**AS4252 Immigrants, Migrants, and Americanization**  
4 cr.  
This course focuses on the historical and ongoing influx of people from rural, peasant backgrounds and from diverse cultural experiences into American cities in the 19th and 20th centuries. It emphasizes the experiences of immigrants and migrants under various conditions in the U.S. Readings will center on the development of ethnic communities, work experiences, the roles of women, families and different social and political forms of struggle.

**Prerequisite:** EMS.

**AS4255 TV Studio Production**  
4 cr.  
Working together in the College's television studio, students produce a variety of television programs. There are exercises in newscasting. They learn about scripting. They gain proficiency in the use of cameras, audio equipment and a special effects generator or switcher, and learn the basics of lighting.

**Prerequisite:** EMS.

*AS4260 New Media Newsroom*  
4 cr.  
Students will be immersed in an intensive, fast-paced environment that reflects real world experience in the media industry. Emphasis will be placed on writing, critical thinking, and creativity. The course will also explore the technical, philosophical, and practical elements of broadcasting, blogging, podcasting, and website construction. By the end of this course students will have acquired a multitude of skills that will give them a competitive edge in the media field.

**Prerequisite:** AS3820 or AS4882, & AS3800 or permission of instructor.

**AS4280 Global Media**  
4 cr.  
The American media compete in a global market. American media have become a dominant source of information and entertainment worldwide. The course will examine the role of the American corporate media in a world of increasing global political, economic, and cultural competition. It will also examine the rise of new media alternatives in reaction to the dominance of the global corporate media.

**Prerequisite:** EMS.

**AS4282 America in War and Peace: 1898 to 1975**  
4 cr.  
This course examines America's experience of war abroad and the consequences of war on the home front. How has war affected our everyday lives, the economy, politics and culture? We will discuss the political, economic, and cultural impact of American involvement in the Spanish-American War, World War I, World War II, the Cold War, the Korean War and the Vietnam War.

**Prerequisite:** EMS.

**AS4283 America Between the World Wars**  
4 cr.  
This course examines pivotal decades in twentieth century U.S. history from WWI through WWII. Selected topics include the rise of America's administrative and welfare state; transitions in social reform traditions; women and youth cultures; the expansion of consumer culture; and the World Wars and their effects on American society, culture and global position.

**Prerequisite:** EMS.

**AS4285 Vietnam and After**  
4 cr.  
The specter of the American war in Vietnam and Southeast Asia continues to haunt the United States. This course is a history of the war and its effects on American foreign policy, domestic politics and culture. It will begin with an examination of the struggle for Vietnamese independence from French colonialism and culminate in a discussion of the lessons of the war for America in the post Cold War era. Some of the topics to be discussed will include the Cold War and world politics; domestic politics and the economy; the role of the mass media; the anti-war movement; racial and class politics; and the effect of the war on those who served and those who resisted.

**Prerequisite:** EMS.

**AS4288 Contemporary U.S. Foreign Policy 1980-Present**  
4 cr.  
What was the impact of the collapse of the Soviet Union on U.S. foreign policy? Students will examine U.S. foreign policy from the end of the Cold War to the present day, including the impact of 9/11 and the "Global War on Terrorism." Learning about U.S. foreign policy will help students analyze the recent conflicts in the Middle East, South Asia, Africa and elsewhere around the globe.

**Prerequisite:** EMS.

**AS4290 Youth in America: A History**  
4 cr.  
This course will examine the history of conflicting ideas about youth and childhood in our society. We examine the images and ideas of youth as portrayed in the media from the colonial era to the present. Special attention will be paid to the role of children in the politics of race, class, gender, family, education and mass media.

**Prerequisite:** EMS.
AS4292 America Since WWII: 1945-1989  4 cr.
An in depth examination of U.S. history and culture from WWII to the end of the Cold War with a special emphasis on the role of
the media and mass culture. Beginning with a discussion of the effects of the World War on the politics, economics and culture of the
United States this course will debate each of the major political and cultural conflicts that have marked the end of the Twentieth cen-
tury. Selected topics may include: Cold War politics, culture and foreign policy; Civil Rights struggles; Women’s liberation; The suburbs;
Television and mass culture; Youth culture and rebellion; Ecology movement; Gay rights movement; The Reagan Revolution; The Culture
Wars; and Religious conservative and “Right to Life” movements.
Prerequisite: EMS.

AS4310 Citizen to Consumer  4 cr.
This course examines the transformation of the United States from a democratic society founded on the work ethic and good citizenship
toward a post-industrial society of mass consumption and leisure. Using historical documents (like the writings of Jefferson, Hamilton,
Charlotte Perkins Gilman, Henry Ford, and Edward Filene) and analyzing contemporary material such as advertising campaigns and
political debates, we will explore how this change has altered our very notions of identity, democracy and citizenship.
Prerequisite: EMS.

AS4402 History of the Family in the U.S.  4 cr.
Examines the changing structure of American families over the past 300 years: how they have differed according to class, race and
ethnicity, and the forces that have continued to influence family life. Topics include: Puritan families; African-American families in slavery
and freedom; immigrant and middle-class families at the turn of the 20th century, and the modern family. The course uses a variety of
materials: films, historical articles and documents, and novels.
Prerequisite: EMS.

AS4420 History of New York City and State  4 cr.
This course examines the social, cultural, economic, political and demographic development of New York City and State from colonial
America to the present. Historical documents, fiction and films about New York will provide the material for a critical discussion about
the multicultural heritage of the Empire State.
Prerequisite: EMS.

AS4715 African-American Thought and Culture  4 cr.
This course examines the ideas of social change that have developed since 1900 among African-American thinkers. It begins by examin-
ing the assumptions and aspirations expressed in the New Negro philosophy that developed at the turn of the century. It proceeds to
analyze the social, political, and cultural ideas that grew out of the Garvey movement, the Civil Rights movement and the Black Power
struggle. The course stresses the role played by ideas in the process of social change.
Prerequisite: EMS.

AS4722 Film: Ideas and Aesthetics  4 cr.
An examination of film through philosophical and aesthetic frameworks. The course treats film in relation to modern theories and
aesthetic techniques and offers students the tools for developing an in-depth analysis of film form and content.
Prerequisite: EMS.

AS4725 The Photograph and American Culture  4 cr.
This course explores photography’s power to document and create an America both imaginary and real. It examines
how the photographic image and its dissemination constructs American national and social identities, shaping attitudes about Ameri-
can heroes and celebrities, territorial expansion, urbanization, industrialism, the American Dream and American social inequality at
specific historic junctures. Individual photographers such as Mathew Brady, William Henry Jackson, Jacob Riis, Lewis Hine, and the
Farm Security Administration (FSA) photographers are studied. Photographic formats and venues are also studied within a historical
context.
Prerequisite: EC II.

*AS4802 Investigative Reporting  4 cr.
What is now called investigative Reporting is an especially American journalistic pursuit of exposing corruption and abuses by individu-
als and institutions, inequity and unfairness, and revealing danger. The theory of this journalistic form is that if people are informed of
such problems, they will demand a resolution. The course focuses on the philosophy and history of the enterprise, from the crusading
journalism of the early years of the press in what became the United States, through the Muckraking Era of the early 20th century,
through Watergate, through the founding of Investigative Reporters and Editors, to the present investigative reporting scene in print,
radio, television and on the Internet. Students will conduct research on the history of investigative reporting. They will learn techniques
of investigation and proof and do their own investigative reporting in print or electronic forms of media.
Prerequisite: EMS.

*AS4812 Writing for Publication  4 cr.
This is an advanced journalism course in which students receive intense preparation in reporting and writing for newspapers, magazines
and other print media.
Prerequisites: AS2802; EMS.
*AS4815 Writing for Electronic Media 4 cr.
Covered are the history and principles of writing for radio and television—writing for the ear or “the air” (the airwaves)—and now for web casting on the Internet. There is instruction in writing simple, to-the-point, straightforward copy designed to be read aloud and heard usually only once and clearly understood.

Prerequisite: EMS.

*AS4822 Newswriting 4 cr.
This is an intensive course in producing well-crafted, polished news stories. It teaches students the various forms of newswriting: hard news, foreign affairs, editorial, obituary and sports writing. Form, content and speed in preparation are stressed.

Prerequisites: AS2802; EMS.

*AS4825 Making a Newspaper 4 cr.
The class works collaboratively in developing the editorial content, editing, writing headlines, doing lay-out and publishing a newspaper.

Prerequisites: AS2802; EMS.

*AS4832 Internship in Journalism 4-12 cr.
This internship gives students the opportunity to work at a newspaper, magazine, radio or television station or Internet source to learn practical journalism in a real-life environment. Students meet with the instructor to discuss their progress, compile a portfolio of work done on the internship, and write an essay on their experience. The internship is an excellent opportunity for students who are interested in a career in the media to gain experience and develop contacts.

Prerequisites: AS4802; EMS.

*AS4842 TV Journalism: Electronic News Gathering 4 cr.
Students using electronic news gathering or ENG equipment (portable video gear), work at field reporting. They sharpen their skills at newswriting and newscasting and, using the College’s editing laboratory, take part in post-production, editing the raw footage into polished, effective final television footage.

Prerequisites: AS3822; EMS.

AS4850 Digital Revolution 4 cr.
We are in the midst of a profound technological and historical change: the Digital Revolution. Digital networks of communication permeate nearly every aspect of our life, yet we understand very little about them, their historical development, conflicts over their use, and their impact on our way of life. This course will look at the cultural, technological, economic, and political impact of the digital revolution. Students will create their own website and participate in a course blog.

Prerequisite: EMS.

*AS4852 Documentary Production 4 cr.
This course will provide students with an opportunity to apply basic video skills (learned in AS4245: Video Tools and Technology) to produce, shoot and edit original documentary videos. Students will gain an understanding of the fundamental techniques of and approaches to non-fiction video production. The curriculum emphasizes an integrated and creative approach to documentary production including detailed instruction of technical skills (camera, sound, editing), directorial techniques, conceptual issues and aesthetic considerations. Through readings, class discussions, screenings of existing documentaries and student works-in progress, the course will look at the many ways documentarians use video to represent, document, and comment on the world around them. The course will help students develop their own voices as media makers, moving beyond traditional structures and notions of “objectivity” to explore the many ways of approaching documentary as a form of artistic social expression.

Prerequisite: EMS.

AS4862 The Journalist as Creative Writer 4 cr.
Many American journalists have become writers of fiction and creative nonfiction. This course examines this tradition, and studies, for example, the works of John Dos Passos, Ernest Hemingway, Joan Didion, Tom Wolfe, and Gay Talese. It explores “personal journalism” and the “new journalism” of the sixties and seventies. Students will practice literary journalism themselves by writing several fiction and non-fiction pieces.

Prerequisite: EMS.

*AS4870 TV Production and Editing 4 cr.
For a TV journalist, learning to edit video is the equivalent of a print journalist learning to edit newspaper or magazine articles or books. In this practical course, students work with the College’s computerized video editing equipment and receive “hands-on” experience in video editing for TV journalism.

Prerequisite: EMS.

*AS4882 Radio Reporting 4 cr.
Learn the ethics and practice of radio journalism. Develop your radio reporting skills in the field and in the studio. This course emphasizes news content and technical quality in radio reporting. Participate in a weekly newscast as a reporter, editor, engineer, anchor or news director.

Prerequisites: AS2802; AS3800 or permission of instructor; EMS.
AS5000  The US in the World and Multicultural History Perspective  
4 cr.
Topically organized around selected major ideas and events in American History, this course is designed to encourage students to consider (and re-consider) these events, themes, and/or developments of modern American history from the perspectives of other world civilizations abroad and diverse ethnic and racial groups at home. This senior year course also particularly focuses on the honing of historical analytical skills, the ability to formulate and undertake selected research projects and the application of these skills and research tools to the social studies classroom. The educational needs of children of varying ethnic, cultural, and/or language backgrounds will also be explored. Topics covered in this seminar may include: the creation of the United States Constitution and the creation of 19th and 20th Century constitutions (for example, following the French revolution or in Japan under the American occupation), the American movement for women’s right to vote and women’s rights seen in the context of women’s rights movements worldwide in the early 20th Century; the role of Dr. Martin Luther King and Malcolm X in the United States Civil Rights movement and their impact on nationalist and anti-apartheid movements abroad; the opening of Japan to American trade seen from the American and Japanese perspective.

Prerequisites: EMS; Senior Standing.

AS5112  American Voices  
4 cr.
This course will focus on 20th century American voices as they have developed in diverse media-novels, film, music, TV and computers. Individual speakers will be used to represent influential groups or trends that emerged and the themes and issues associated with them.

Prerequisite: EMS.

AS5212  Narrative and History  
4 cr.
This senior seminar looks at “point of view” in historical writing, the multiple “ways of seeing” history, and the various approaches that scholars and writers have employed in order to think and write about the past. The readings that have been selected exemplify the advantages and limitations of the political, economic, social and cultural perspectives and the interpretive possibilities of narrative, biography and fiction.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

AS5312  History of US Culture  
4 cr.
This senior seminar examines the evolution of U.S. culture from a multicultural perspective. Special attention will be paid to the role that culture plays in social control and social change.

Prerequisite: EMS.

AS5412  Protest and Change  
4 cr.
This senior seminar provides an in-depth exploration of several movements for social change in U.S. history. Topics can include: the American Revolution, movements for women’s rights, populism, abolitionism, peace movements, and movements for the rights of African-Americans.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

AS5420  Propaganda and Mass Persuasion  
4 cr.
Can American democracy survive in a society dominated by powerful media and sophisticated mass persuasion? This senior seminar is a history of war and political propaganda with a focus on the role of propaganda in the conflicts between social movements and powerful institutions. The rise of public relations and its role in politics and the mass media will be an important theme.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

AS5712  Mass Media and Popular Culture  
4 cr.
This senior seminar focuses on the relation between mass media and different forms of popular culture. In particular, it examines the relationship between indigenous popular forms of culture and mass media. It looks at print and the rise of a vernacular culture and electronic media in the context of a consumer culture, and explores different theoretical approaches to the understanding of media in modern society.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

AS5800  Research in American History and Culture  
4 cr.
In this course, students will learn how to do historical research including use of primary documents, archival research, quantitative methods and oral history. Using these techniques, students will then write a research paper.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

PORTFOLIO RECOMMENDED:
It is recommended that all Media and Communications majors assemble a satisfactory portfolio. The portfolio should contain samples of work done in classes and on the Internship in Journalism that all Media and Communications majors are required to complete. The portfolio is to contain examples of written work—both published and submitted as class assignments—graphics, printouts of computer work and/or scripts of videos.

* No practical journalism course (noted in the catalog by asterisk *) can be counted toward the American Studies major, but they may be used as free electives.
BIOLOGICAL SCIENCES COURSES

All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student needs.

BS2100  Biology for Non-science Majors  
A one-semester lecture/laboratory course in general biology for non-science majors. Surveys the major concepts and principles of biology, including cell structure and function, genetics, ecology, diversity and evolution. Topics related to the human experience are also discussed. Offered every semester. 
Prerequisite: EC II.

BS2400-2410  Basic Biological Sciences I-II  
Lecture/laboratory courses that provide basic instruction in the current concepts of biological organization and function. The topics considered include: introduction to the chemistry of life, cellular genetics, evolution, population dynamics, cellular and organismic reproduction, anatomy and physiology of selected organ systems with an emphasis on humans. These courses are offered every semester. 
Prerequisites: EC II; MA1020; BS2400 with grades of “C” or better is a prerequisite for BS2410.

BS2490  Environmental Science  
The focus of this lecture course is on the interactions of humans with their environment. Human impact on the world’s ecosystems is emphasized. The theme stressed throughout this course is that every system involving life is dependent upon maintaining balances between nutrient gains and losses, between energy inflows and outflows, and between births and deaths within populations. Against this background, various aspects of the human system, such as our use of soils, our disposal of wastes, our use of resources, land, and energy and our population, are shown to be out of balance. The consequences of these imbalances are discussed in relation to our political and economic system. 
Prerequisite: EMS.

BS3300  Biotechnology Workshop  
Designed to develop laboratory skills in the basic techniques used to study molecular genetics. Both prokaryotic and eukaryotic organisms are used as models for the experiments. Some of the techniques introduced in the course include DNA isolation, agarose gel electrophoresis, restriction enzymes, gene transfer, gene cloning, southern blot, PCR, RT-PCR, and gene sequencing. In the latter part of the course, students will be introduced to the Human Genome Project and to some of the techniques used in DNA sequencing and analysis. Offered once a year. 
Prerequisite: EMS.

BS3400  Vertebrate Physiology  
A regulatory systems approach to the principles of animal physiology, developed through consideration of functioning of cells, tissues, and organ systems with an emphasis on humans. (With 3-hour laboratory) Offered every three semesters. 
Prerequisites: BS2400-BS2410 with grades of “C” or better; CP2100-CP2110 with grades of C or better; EC II.

BS3450  Plant Biology  
The study of plants as biological organisms. Topics include classification and evolution of the plant kingdom: plant anatomy, physiology and reproduction, with emphasis on the flowering plants. Consideration given to experimental methods used in studying plants and the importance of plants and plant studies. Students are expected to complete an experimental project or observational study. Lecture, discussion, laboratory and field trips, or audio tutorial integration of these are presented. Offered on demand. 
Prerequisites: BS2400-BS2410 with grades of “C” or better; or permission of Instructor; EC II.

BS3500  Invertebrate Zoology  
This lecture/laboratory course introduces the student to the diversity of form and function among the invertebrates using a phylogenetic approach. It emphasizes their importance in ecology, diseases, food sources and as biomedical models. Laboratory sessions include dissection of representative animals and encourage individual research projects. 
Prerequisites: BS2400-BS2410 completed with grades of “C” or better.

BS3510  Parasitology  
Lecture/laboratory course. Major parasites of medical and economic interest are examined, including the causal agents of malaria, trypanosomiasis schistosomiasis, and filariasis. The ecology, anatomy, pathology, and public health importance of these parasites are emphasized. Laboratories include both live and prepared material. Offered every other year. 
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.

BS3520  Comparative Anatomy  
Lecture/laboratory course designed for biology majors and premedical students. Emphasis is on the basic anatomical patterns of vertebrate structure. Morphogenesis and structure function relationships are discussed in terms of adaptive significance. Laboratory includes dissections of aquatic and terrestrial vertebrates. Offered every other year. 
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.
BS3710 Environmental Physiology 4 cr.
Examines profound ubiquitous influences of the external environment on the body, the physiological responses to environmental challenges, and ways in which these responses contribute to either health or disease. Includes nutritional influences on health; physiological response to environmental chemicals; adaptations to altitude, pressure, temperature, humidity, radiation; physiology of psychosocial stress; and physiology of exercise. Offered on demand.
Prerequisites: BS2400-2410 with grades of “C” or better.

BS3810 Biological Aspects of Aging 4 cr.
Lecture/workshop course designed for science students. Examines the aging process on the molecular, cellular, and organismic levels. Emphasizes alterations during the aging process in cells whose life span is identical to that of the entire organism. Examination of various pathological disorders in relationship to aging is also emphasized. Students are required to read original articles and be prepared to discuss current topics in workshop settings. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II; BS3400 is recommended.

BS4400 Cell Biology 4 cr.
Lecture/discussion/laboratory course whose content is directed to the study of the molecular basis of cell activities, cell ultrastructure, and its integration with cellular function. Lectures survey the cell in its environment, energy transformation, mobility, replication of genetic material, growth, nucleocytoplasmic interactions. The laboratory explores techniques used in the study of the cell. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.

BS4410 Histology 4 cr.
A laboratory-oriented course dealing with the microscopic and ultramicroscopic anatomy of mammalian tissues and organs with emphasis on relating structure to function. Offered on demand.
Prerequisites: BS2400-2410 with grades of “C” or better.

BS4420 Microbiology 4 cr.
Concerned with structure-function relationships in various types of microorganisms, with particular emphasis on bacteria. Nutrition, biosynthesis, energetics, growth, microbial interactions and symbiotic relationships, host-parasite relationships, and microbial genetics are among the topics discussed. Lecture and laboratory. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.

BS4430 Developmental Biology 4 cr.
A lecture/laboratory course covering fundamental principles of developmental biology. Topics included: gametogenesis, fertilization, cleavage, gastrulation, growth and differentiation. This course attempts to integrate the descriptive, experimental and genetic approaches to the study of developmental biology. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.
Recommended: completion of BS3520.

BS4440 Evolution 4 cr.
Lecture/discussion course presenting the history of life on earth from its inception to the emergence and early history of Homo sapiens. Through readings, lectures, demonstrations, laboratories, discussions, and museum trips, students examine modern evolutionary theory and concepts, including abiogenesis, adaptation, population genetics, race, speciation, and progressive evolution. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.
Recommended: completion of BS4460.

BS4460 Genetics 4 cr.
Lecture/laboratory course presenting the fundamental principles of genetics, the molecular biology of the gene, and heredity in humans. Through lectures, readings, laboratories, and discussions, students examine the experimental evidence leading to currently accepted concepts, and critically analyze the implications of various findings in human genetics. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.

BS4461 Immunology 4 cr.
Lecture/laboratory course dealing with cellular and humoral aspects of mammalian immune system. Course is divided between study of basic principles governing the immune response, and analysis of molecular immunology. Laboratory component explores modern and technological assays of immunology. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.

BS4470 Ecology 4 cr.
The study of populations and communities of organisms and the interactions of organisms within their environment. Topics include ecosystem analysis, energy flow, nutrient cycles and limiting factors, community structure, biomes, associations, succession, adaptation, and niche analysis, population growth and structure, competition and predator prey relations. Consideration given to experimental investigations, including computer modeling. Students are expected to complete a field or laboratory project, or a library report. Field trips and lab exercises comprise important components of this course. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of “C” or better; EC II.
BS4471  Freshwater Ecology (Limnology)  4 cr.
A lecture/discussion and laboratory course dealing with the structure and function of freshwater systems such as lakes, ponds, rivers, and streams. Topics include the study of the physical and chemical properties of freshwater habitats, their biotic composition, and their productivity. Problems related to water pollution are discussed. Field trips and lab exercises comprise important components to this course. Students are expected to conduct an independent research project. Offered on demand.
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120.

BS4472  Microbial Ecology  4 cr.
A lecture/laboratory course designed to introduce students to the study of microbial ecosystems. An inquiry-based learning approach will be used. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120; EC II.
Recommended: Completion of BS4400.

BS4480  Animal Behavior  4 cr.
A lecture/laboratory course introducing the field of animal behavior. Lectures, discussions and films explore topics including the cultural basis of behavior, the organization and physiology of the nervous system and its role in controlling behavior, the endocrine basis of behavior, genetic basis of behavior and sociobiology. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II.

BS4500  Cell and Molecular Neurobiology  4 cr.
Lecture course designed to familiarize students with intracellular communication mechanisms and how they are used to promote intercellular interactions. Includes concepts as they relate to neurobiology: ephatic and synaptic transmission; neurophysiology/neuroparmacology; selected topics relating to mental health, narcotic addiction etc. Offered every other year.
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120; EC II.
Recommended: completion of BS4400.

BS4560  Molecular Biology  4 cr.
Lecture/Laboratory course to introduce students to both the theoretical and practical aspects of molecular biology. An understanding of molecular biology necessitates a synthesis of information from genetics, biochemistry, cell biology, physics and chemistry. The course will include microbial studies, cellular components, genes, regulation etc. The lab component will utilize techniques of genetic engineering. Offered every other year.
Prerequisites: BS2400-2410 with grades of "C" or better; CP2120-2130 with grades of "C" or better.

BS4651  Toxicology  4 cr.
Neurological approach to environmental toxins. Overview of neuroanatomy, physiology, basic pharmacology, and synaptic phenomena. Environmental neurotoxins covered include: acrylamide, cadmium, oxides of nitrogen, carbon monoxide, lead, mercury, organophosphates and organochloride pesticides, hexachlorophene, aluminum, carbon disulfide, isoniazid, and selexyed drugs and biological toxins. Experimental design for toxicity studies and epidemiological considerations are also discussed and various animal models presented. Offered on demand.
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120-2130 with grades of "C" or better.

BS4680  Environmental Health  4 cr.
This course takes an integrated approach to the development of a basic understanding of the impact of the environment on health. It examines chronic and infectious diseases in relation to modern life styles. A new section examines the AIDS epidemic in relation to the environment. Other topics that are covered include: air pollution in the general industrial environment; water pollution; the effects of pesticides and food additives; synthetic organic chemicals such as PCB's and dioxins as environmental estrogens; health effects of radiation and safety of nuclear energy. Satisfies elective requirement for B.A. in Biology. Offered on demand.
Prerequisites: EC II.

BS5410  Seminar I in Biology: Reading in the Discipline  2 cr.
Designed to increase ability to read in the discipline. Students will survey scientific literature, learn how to research topics, prepare abstracts, etc. Students will select a mentor and topic for Seminar II. Must be taken by students two semesters prior to graduation. Offered every Fall.
Prerequisite: BS-90 credits or with permission of instructor.

BS5420  Seminar II in Biology: Writing in the Discipline  2 cr.
Designed to promote an in-depth consideration of special topics in current biological research. The course will include presentations by both external speakers and students. The student will, under the advisement of a faculty mentor, develop a topic either as a library or laboratory study and present the results both orally and as a written paper. Offered every Spring.
Prerequisite: 100 credits or with permission of instructor.

BS5590  Advanced Research  4 cr.
Research project carried out under the supervision of a faculty member. Each project includes a survey of the appropriate original literature and investigation of a selected research topic by experimental or theoretical methods. Open to students of upper-division
standing, preferably seniors, on acceptance as a research student by a faculty member. Students may take this course twice for credit but may receive only 4 credits from this course toward the major. Grading will be CR/NC. Offered every semester.

Prerequisites: BS2400-BS2410 with grades of "C" or better; permission of instructor.

**BS5591  Environmental Research**  
4 cr.
Research project in environmental science carried out under supervision of a faculty member. Open to upper-division students, preferably seniors on acceptance as a research student by a faculty member. Offered every semester.

Prerequisites: BS2400-BS2410 with grades of "C" or better; 3 upper-division Biology courses; permission of instructor.

**BS9990  Independent Study**  
4 cr.
Independent study is to be carried out under the supervision of a faculty member. It permits students to investigate areas that are not part of existing offerings. Open to students of upper-division standing only on acceptance by a faculty member, and approval by department chair.

Prerequisites: BS2400-BS2410 with grades of "C" or better; permission of instructor.

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**SCHOOL OF BUSINESS COURSES**

The courses listed below are on variable schedules and are not necessarily offered each semester or each year. All course offerings are contingent upon budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand. **EMS is a prerequisite for all School of Business courses.**

**BU2420  Principles of Microeconomics**  
4 cr.
An introductory economics course in the principles of scarcity, supply and demand, consumer theory, production theory, costs of production, market structure and factor pricing under conditions of perfect competition. Offered every semester.

Prerequisite: MA1020.

**BU2430  Principles of Macroeconomics**  
4 cr.
An introductory course in macroeconomics that covers the following topics: macroeconomic goals, GDP computation and related concepts, basic income determination, Keynesian models, fiscal policy, money and banking, monetary policy and stabilization policy. Offered every semester.

Prerequisite: MA1020.

**BU3010  Information Systems for Managers**  
4 cr.
Introduction to the concept of information systems as strategic assets of the enterprise utilized to achieve strategic advantage. Investigation is also made of the use of information systems at the tactical and support business levels. Technology is always discussed in terms of its interaction with human systems (socio-technical systems). The goals are to facilitate management decision processes and to exploit information technology for strategic advantage. Offered occasionally.

Prerequisite: EMS

**BU3201  Principles of Statistics**  
4 cr.
Course includes descriptive statistics, probability theory, sampling theory and methods, estimation, hypothesis testing, and forecasting. Offered every semester.

Prerequisite: MA1020.

**BU3220  Calculus for Business and Economics**  
4 cr.
This course is intended to introduce the fundamental concepts and techniques of calculus to students of business and economics. Topics include functions and graphs, limits, derivatives and integration of algebraic, exponential and logarithmic functions and their compositions. The concepts of margin and optimization in business and economics and curve sketching will also be studied. Special emphasis will be placed on the application of mathematical concepts to business and economics. Offered every semester.

Prerequisites: Four years of Regents high school mathematics or MA2080 or MA2090.

**BU3470  Business Economic Analysis**  
2 cr.
Designed to provide the tools, techniques and methodology used by practicing business economists and planners. Topics covered include demand analysis, the static and dynamic behavior of business firms, market structure and pricing, interrelation of real and financial sectors, the economics of market power, forecasting economic trends and the application of regression techniques. Offered occasionally.

Prerequisites: BU2420, BU2430, BU3201, BU3220.

**BU3502  Principles of Accounting I**  
4 cr.
Introduction to financial accounting with focus on how financial statements are structured and used by proprietorships and corporations. Topics: double entry, accrual accounting, service vs. merchandise companies, cash, accounts receivable and payable, inventories,
fixed assets and depreciation methods, and net earnings. Develops foundation for subsequent courses in accounting, finance, MIS, and management. Offered every semester.

**BU3511 Principles of Accounting II**
4 cr.
Emphasis shifts from accounting theory (Principles I) to giving students experience in preparation of financial statements. Journals, ledgers, worksheets, closings, and a corporation practice set are used. New topics include payrolls, stockholders’ equity, earnings per share, long-term debt, marketable securities, and statement of cash flows. Required for all business majors. Offered every semester.

Prerequisite: MA1020.

**BU3600 Principles of Business Law**
2 cr.
A study of the nature and functions of law introducing the student to the legal system, constitutional, administrative, tort, criminal, consumer protection, employment, and contract law. Replaces BU3601. Offered every semester.

Prerequisite: MA1020.

**BU3605 Intermediate Business Law**
2 cr.
An in-depth study of the law of contracts, agency, and partnerships. Together with BU3610 replaces BU3611. Offered every semester.

Prerequisite: BU3600.

**BU3610 Advanced Business Law**
2 cr.
The study of real and personal property, bailment, documents of title, bankruptcy, secured transactions, and trusts and estates. Together with BU3605 replaces BU3611. Offered every semester.

Prerequisite: BU3605 or BU3601.

**BU3800 Marketing: Principles and Concepts**
4 cr.
A comprehensive introduction to marketing principles with emphasis on the marketing concept as means of distributing goods and services in a competitive economy. Examines market determination and population segmentation for product planning, product distribution systems, pricing policies and practices, and promotion strategies. Offered every semester.

Prerequisite: Junior Standing.

**BU3830 Introduction to E-Commerce**
4 cr.
The standard definition of E-Commerce (electronic commerce, EC, or e-business) is the buying and selling of goods and services on the Internet, especially the World Wide Web. Not only will this course provide students with an overall understanding of the history, development, and economics of e-commerce, but also provide students with a working knowledge of the terms, concepts and components of E-Commerce, including e-tailing, market research and privacy, electronic data interchange (EDI), e-mail, Internet telephony, business-to-business transactions, and Internet security. Offered occasionally.

Prerequisites: CS1500, BU3800, Junior Standing.

**BU3905 Business Communications**
2 cr.
This course is an introduction to the fundamentals of business communications. It emphasizes planning, research, organization, clarity, conciseness, positive tone, mechanics and format. Business letters, memos, and reports will be written and analyzed. Replaces BU3900. Offered every semester.

Prerequisite: EMS.

**BU3910 Advanced Business Communications**
2 cr.
This course builds on the fundamentals of business communication and provides students with an in-depth analysis of the audience. Primary emphasis is on different types and methods of business communications. Includes special purpose messages and various presentation skills, such as the use of presentation software, interviewing, written reports, and making group presentations. Offered every year.

Prerequisite: EMS.

**BU4035 Web Systems and Electronic Commerce**
4 cr.
This course covers the basics of web systems, furthering an understanding of them through the development of e-commerce applications and systems. The course provides an overview of several current web technologies, including client side applications such as web design using JavaScript and VBScript and server side applications on Apache (Linux) and IIS (Windows) using CGI, ASP, and Java Servlet technologies. Students will implement an e-commerce application using the learned components involved in a web system and e-business strategies. Projects are carried out individually and in groups. Replaces CS4606. Offered every year.

Prerequisite: EMS.

**BU4110 Organizational Behavior and Management**
4 cr.
This course examines the evolution of organizations and managerial roles in the industrialized world. It provides a comprehensive analysis of the functions and processes of management. Topics include the influence of business on society, international business, the managerial functions of planning, organizing, leading, and control, and the social influence of management in terms of ethics, leadership,
power, communication, conflict, and organizational culture. Also studied are employee motivation, diversity, group dynamics, and decision-making. Replaces BU3100 and BU4101. Offered every semester.

Prerequisite: Junior Standing.

BU4120  Global Business  
4 cr.
The goal of this course is to provide an introduction to international business environment and operations. The course emphasizes an interdisciplinary approach to the field and concentrates on how cultural factors influence behavior and the skills and processes of analysis necessary to work effectively across national borders. The course analyzes the social and political forces shaping multinational business’ activities abroad and uses several models to understand cultural differences. An analysis of how cultural factors influence and affect decision making and organizational culture in a global context are the major thrusts of this course. Replaces BU5140. Offered every semester.

Prerequisite: Junior Standing.

BU4125  Business in China  
4 cr.
An examination of the distinctive management challenges and opportunities of businesses operating in China. Students attend lectures in English and live in China. The course provides an overview of the growing role of business with its political, legal, cultural and economic influences on the rapidly changing international scene. Students are involved in independent research after visits to multinational companies, foreign banks, government controlled businesses, and foreign financial and economic centers. Offered occasionally during the Winter Mini-Semester or Summer Session.

Prerequisites: BU2420; BU2430; one Management course.

BU4141  Labor Relations and Collective Bargaining  
4 cr.
Examines the institutional and economic aspects of the employer-employee relationship, including a review of the labor movement; its development, organization, and structure; and the rise of public sector unionism. The legal and economic framework within which employers and employees function in the negotiating or collective bargaining process is stressed. Offered every year.

Prerequisite: BU4101 or BU4110.

BU4220  Quantitative Methods for Business  
4 cr.
Introduction to mathematical techniques in business economics and management. Includes practical applications of linear algebra, matrix algebra, and differential calculus. Offered every semester.

Prerequisite: MA2090.

BU4450  Money and Banking  
4 cr.
The role of commercial banks and financial institutions in the creation and allocation of credit; the central bank as a regulator of the money supply; introduction to monetary theory and policy; and money and banking in the international area. Offered every year.

Prerequisites: BU2420, BU2430.

BU4500  Intermediate Accounting I  
4 cr.
An expanded treatment of accounting theory and principles: investigation of accounting for cash and temporary investments, receivables, inventory costing and evaluation, fixed asset acquisition, depletion and depreciation, intangible assets, and current liabilities. Emphasis is on the analysis of the recommendations and pronouncements of the American Institute of Certified Public Accountants and the Financial Accounting Standards Board. Offered every semester.

Prerequisite: BU2420, BU2430.

BU4510  Intermediate Accounting II  
4 cr.

Prerequisite: BU4500.

BU4520  Development of Current Accounting Theory  
4 cr.
This course provides a critical update and evaluation of recent developments in financial reporting and accounting theory. Other topics include income tax accounting, pensions, leases, accounting errors and changes, cash flows, and full disclosure concepts. Use of the Financial Accounting Research System is an integral component of this course. Replaces BU5530 effective Spring, 2007. Offered every semester.

Prerequisite: BU4510.

BU4530  Computer Applications for Accounting  
4 cr.
State-of-the-art technology is used to build a greater body of accounting knowledge in addition to developing computer proficiency. The course covers advanced features of the Excel spreadsheet application such as the “built-in” functions for present value important for mortgage and bond interest schedules; using queries which are applicable to auditing in the Access database application; and the use of PowerPoint to stress the importance of communicating accounting information while developing presentation skills. The Internet is recognized and utilized as a resource for professional research. Offered every semester.

Prerequisites: BU3511, CS1500.
BU4570  Federal Income Tax I 4 cr.
A comprehensive study of tax principles and concepts as they apply to tax planning. Tax treatment of the individual is stressed initially with emphasis on rates and exemptions, items of gross income, recognition and realization of income, and capital gain concepts. Additional topics include corporate distributions to stockholders, personal and business deductions and losses. Offered every semester.
Prerequisite: BU3511 or permission of instructor.

BU4590  Cost Accounting 4 cr.
Cost analysis and reports for planning and control. Cost information system: design and operation of job order and process costing. Planning and control of factory overhead; variance analysis, product costing, and responsibility accounting. Planning and control of labor and material cost. Sales and profit planning control. Offered every semester.
Prerequisite: BU3511.

BU4762  Financial Management I 4 cr.
A study of the sources and uses of funds, with emphasis on the financial models of selection of assets and the most economical means of financing asset formation. Introduces financial statement analysis, planning, forecasting and strategy development for improving corporate profitability. Offered every semester.
Prerequisites: BU2420, BU2430, BU3201, BU3511.

BU4774  Financial Markets and Institutions 4 cr.
This course focuses on the importance of the financial system in providing liquidity, risk diversification, and efficient capital allocation in a globally interconnected economy. Specific topics will include: interest rate determination, term structure, structure and institutional make-up of capital markets, and risk analysis. The balance sheet of financial institutions will be analyzed to discern the risks inherent in the sources and uses of funds for different financial intermediaries as well as how regulatory changes impact markets and institutions. Replaces BU4770 and BU5773. Offered every semester.
Prerequisite: BU2430.

BU4775  International Business, and Finance 4 cr.
The course provides the analytic framework for understanding cross-border financing, valuation, risk management, and investment decisions. The exchange rates, legal rules, international tax considerations and country risk are examined. The course provides the analytical skills needed for understanding how firms can create, measure, and sustain value across borders.
Prerequisite: BU4762.

BU4801  Advertising and Promotion 4 cr.
Analysis of the role of advertising and promotion strategies in the marketing plan of the firm. Explores the function and institutions of advertising from both the client and agency perspective. Topics include social, economic and legal aspects of advertising and promotion, advertising agencies, media and budgeting, planning, execution and evaluation of the promotion campaign. Offered occasionally.
Prerequisite: BU3800.

BU4805  Marketing Public Relations 4 cr.
This course challenges students to use public relations as a strategic tool to achieve measurable and actionable marketing objectives. Marketers are looking for effective ways to target their audience and public relations offers a credible alternative to advertising. Students will examine marketing public relations and its affect on target markets, global marketing, building/maintaining brands, on-line opportunities, and introducing new products. Offered every year.
Prerequisite: BU4801.

BU4840  Direct Marketing 4 cr.
An introduction to the principles of direct response marketing for the small independent firm, retail establishment, publishers, banks and other institutions. Topics include selection of product, market determination, mailing preparation, distribution, and evaluation. Offered every year.
Prerequisite: BU4801.

BU5115  Operations Management 4 cr.
Introduction to the theoretical and practical applications of OM. Topics: logistics; facility location layout; acquisition and re; forecasting; planning; operation scheduling and control; inventory planning and quality control. Replaces BU5110. Offered every year.
Prerequisites: BU4101 or 4110; BU3201; MA2080 or 2090.

BU5120  Entrepreneurship 4 cr.
The steps leading to the establishment of an independent business involving choice of business, structure, capital, startup, management practices, legal and financial considerations. Offered occasionally.
Prerequisites: BU3100 or BU4110; BU3502, BU3800.

BU5125  Business Ethics 4 cr.
This is a managerially oriented course dealing with the relationship between business and society. A variety of viewpoints will be presented in the examination of the following topics: social responsibility of business, equal opportunity in employment, quality of work
life, ecology and environment, consumerism, business and government, and managerial ethics. Offered every year.

**BU5130 Organizational Theory**
4 cr.
An in-depth examination of how and why organizations develop. Topics to be covered are Goals and Effectiveness, Technology, Environment, Structural Types, Differentiation, Change and Development, Power, Committees, and Life Cycles. Will use cases extensively to anchor the concepts. Offered occasionally.

**Prerequisite:** BU4101 or BU4110.

**BU5145 International Management**
4 cr.
This course focuses on managing global organizations and the corresponding aspects of cross-cultural behavior on managerial decisions. Typical topics to be discussed are global competitiveness, managing across cultures, diversity, intercultural communications, global planning, global human resource management, political risk and negotiations. Cases and/or a simulation will be employed. Offered every year.

**Prerequisites:** BU4101 or BU4110.

**BU5150 Introduction to Management Science**
4 cr.
Analysis of systems in operations research. Systems philosophy, analysis, design, and implementation. The use of quantitative techniques: decision theory, linear programming, queuing, network analysis, stochastic processes, and dynamic programming. Emphasis is on structuring the problems and modeling. Offered on demand.

**Prerequisites:** BU3100 or BU4110; BU3220.

**BU5162 Operations Research**
4 cr.
This course deals with advanced topics in operations research such as: linear programming, including duality and sensitivity analysis, stochastic inventory control, simulation, dynamic programming and goal programming. Emphasis will be on model building, theory, and solution techniques. Some OR/M software will be utilized in the problem solving process. Offered on demand.

**Prerequisites:** MA2080; BU5110 or BU5115.

**BU5171 Human Resource Management**
4 cr.
Emphasizes the necessity of managing individuals in an organization as resources crucial to survival and success. The relationship of human resource management to strategic planning and implementation is analyzed. Specific attention is given to the theories, policies, techniques and methods related to human resource planning, recruitment, selection, interviewing, training and development, performance, appraisal, separation, labor relations and compensation in compliance with relevant legislation. Offered every semester.

**Prerequisite:** BU4101 or BU4110.

**BU5172 Training and Development**
2 cr.
An intense examination of the field of training and development. Includes such topics as learning and behavior, needs analysis counseling, program design and implementation, career planning, methods and facilities, program evaluation, and training administration. Offered every year.

**Prerequisite:** BU5171.

**BU5174 Compensation Management**
2 cr.
Elements of a rational and objective wage and salary system are examined. Topics to be covered are compensation perspectives, job analysis and evaluation, direct pay plans and administering the compensation system. Offered every year.

**Prerequisite:** BU5171.

**BU5175 Business Strategy and Policy**
4 cr.
Synthesizes the concepts and techniques developed in prior courses. The student is required to apply concepts from management, accounting, marketing, economics, and finance using the casework and/or simulation approach. Offered every semester. **Must** be taken in student's last semester.

**Prerequisite:** BU5171.

**BU5176 Management Seminar**
4 cr.
Selected current issues in the field are discussed. Emphasis will be on student research and critical analysis of topics. Although topics may vary from year to year, the following will be covered: Research Design and Application Methodology, Application of Quantitative Techniques, Measurement Strategies and Procedures, Ethical and Legal Issues, Health, Safety and Security. Replaces BU5175. Offered every year.

**Prerequisites:** Senior Standing; Permission of Instructor.

**BU5199 Internship in Management**
4 cr.
Designed for students who want experience in the work place participating in the management environment. This is an excellent opportunity to prepare for a career in the field. Open to Business Administration majors only. Offered every semester.

**Prerequisites:** Senior status; approval by Director of Career Services.

**BU5410 Business Economic Forecasting**
4 cr.
Course deals with identification, analysis, and appraisal of forces influencing the course of economic activity, and the presentation and critical evaluation of a variety of forecasting and projection techniques. Students are given an opportunity to appraise different forecast-
ing approaches and to apply these techniques in the preparation of actual forecasts. Offered every year.

Prerequisites: BU3201, BU3220; BU4762 or BU4770 or BU4774.

**BUS505 Essentials of Government and Nonprofit Accounting**
2 cr.
This course is an introduction to government and nonprofit accounting. Fund accounting theory as well as financial statement presentation will be discussed for both government and nonprofit entities. The course also presents an overview of government auditing standards. Replaces BU5500. Offered every semester.

Prerequisite: BU4500.

**BUS525 Fundamentals of International Accounting**
2 cr.
A discussion of the evolution of international accounting principles and practices. International Financial Reporting Standards (IFRS) and reference to accounting and reporting requirements in selected countries will be covered. Current developments and implications for multinational organizations are also addressed. Offered every other year.

Prerequisite: BU 4510.

**BUS540 Advanced Accounting**
4 cr.
This course covers accounting for partnerships: formation, operation, dissolution, and liquidation. There is an in-depth analysis of business combinations including statutory mergers, consolidations, and acquisition of subsidiaries, preparation of consolidated financial statements including the equity method and elimination entries. Additionally, the course includes an introduction to foreign currency translation and transactions, the SEC, and Sarbanes-Oxley. Offered every semester.

Prerequisite: BU4510.

**BUS550 Auditing**
4 cr.
Study of the professional ethics and possible legal liability of the auditor. Examination of current auditing theory and techniques and their application to specific balance sheet and income statement accounts to obtain evidence that management's financial statements are fairly presented, including the generally accepted auditing standards, role of internal control, uses of sampling, effects of information technology, and the various reports rendered by auditors. Offered every semester. Must be taken in student’s last semester.

Prerequisite: BU4510.

**BUS555 Foundations of Accounting Information System**
2 cr.
Examines the fundamental roles and functions of accounting information systems in providing support for decisions by management and other interested groups. Topics include database concepts, accounting data flow, and business processes. Students will learn how to apply software such as Microsoft Access in designing their own systems. Offered every other year.

Prerequisites: BU4500; CS1500.

**BUS560 Financial Statement Analysis**
2 cr.
An advanced level course covering the analytical tools necessary for conducting a financial analysis of a business and its financial statements. The course will focus on selecting the appropriate analytical tools and the effective use of notes to the financial statements for making financial decisions about a business. Topics include ratio and trend analysis, as well as an examination of annual reports, 10K and 10Q filings. Offered every other year.

Prerequisite: BU4500; CS1500.

**BUS570 Introduction to Business Taxation**
2 cr.
This course is intended to introduce students to the federal income taxation of business entities as well as the related tax effects to their owners. Topics include: Partnerships, LLC’s, “C” Corporations, and “S” Corporations. The course will examine the rules related to selecting & organizing the entity, reporting annual operations, and the tax implications to owners for distributions and pass-through items. For students intending to enroll in the M.S. in Accounting program. Offered every year. Students should not take both BUS570 and BUS5571.

Prerequisite: BU4570 or permission of instructor.

**BUS571 Federal Income Tax II**
4 cr.
Only open to Accounting students in the Non-MS Track. Tax treatment of corporations, partnerships, limited liability entities, business transactions and their related tax forms are stressed in this second course in taxation. Topics include: depreciation, Section 1231 and depreciation recapture under Sections 1245 and 1250, bad debts and losses, “C” Corporation formation and operations, “S” Corporations, Partnerships and Limited Liability Entities, and an introduction to multi-state taxation. Offered every semester. Students should not take both BUS571 and BU5570.

Prerequisite: BU4570 or permission of instructor.

**BUS599 Internship in Accounting**
4 cr.
Designed for students who want experience in the work place participating in the accounting environment. This is an excellent opportunity to prepare for a career in the field. Open to Accounting majors only. Offered every semester.

Prerequisites: Senior Standing; approval by Director of Career Services.
BU5630  Estate Planning  2 cr.
An introduction to the estate planning process. Emphasis will be on the reduction of the estate tax and wealth preservation. Topics include wills and the probate estate, powers of attorney and health care directives, an overview of the estate and gift tax, the utilization of trusts to minimize the tax and direct the use of assets, the marital exclusion, lifetime giving strategies, and basic estate administration. Offered every year.
Prerequisite: BU4570.

BU5740  Investment Management and Security Analysis  4 cr.
Study of theories, techniques and approaches for determining the values of major types of securities including derivation of capitalization rates, forecasting of earnings and technical analysis. Evaluation of the dividend, capital leverage controversies and the efficient market hypothesis. Introduction to modern portfolio theories and investment strategies. Offered every semester.
Prerequisites: BU3201, BU4762.

BU5750  Investment Banking and Capital Markets  4 cr.
Concentrates on the following topics at a fairly advanced and extensive level of treatment: financial markets, domestic and international; the link between interest rate changes and capital markets; the growth and impact of derivatives: futures, options, and swaps; and the effects of securitization on domestic and global financial markets. Offered in alternate years.
Prerequisite: BU4450.

BU5751  Quantitative Investment Analysis  2 cr.
This course covers quantitative methods and their application to investment process. Topics include regression, time series, and multi-factor models, and introduce a variety of relevant, investment-oriented applications.
Prerequisite: BU5740.

BU5752  Fixed Income Portfolio Management  2 cr.
This course covers basic analytical tools in fixed income securities (present value, forward rates, yield-to-maturity, term structure theories, duration analysis and immunization techniques), fixed-income markets, and certain advanced topics in risk management using interest rate contingent claims such as options, futures, and swaps, with applications including callable bonds, mortgage-backed securities and convertible bonds.
Prerequisite: BU5740.

BU5754  Retirement Planning  2 cr.
An introduction to retirement planning, including an analysis of retirement income needs, Social Security, Medicare, Traditional & Roth IRA's, employer sponsored retirement plans, and deferred compensation including stock options. Offered every year.
Prerequisite: BU4570.

BU5755  Equity Portfolio Management  2 cr.
The course covers professional ethics and a unified presentation of portfolio management process. It combines theory and practice by structuring the portfolio decision within the framework of planning, execution and feedback. The topics include individual and institutional portfolio management, capital market expectations, assets allocation, risk management, monitoring and rebalancing.
Prerequisite: BU5740.

BU5760  Corporate Finance  4 cr.
This course will integrate and explain through case method, topics completed in Financial Management I. Students should expect to work individually and jointly on lengthy and complex case problems on capital budgeting, financial analysis, dividends, mergers and acquisitions, and leverage buyouts. Offered every year.
Prerequisite: BU4762.

BU5771  Global Financial Markets  4 cr.
This course focuses on the mechanics and functions of international financial markets and covers such topics as: Foreign Exchange Market, Eurocurrency Market, Exchange Rate Systems, Currency Futures, Currency Options, International Banking, International Capital Markets, and International Financing. Offered every semester.
Prerequisite: BU4762.

BU5789  Futures and Options Markets  4 cr.
This is an advanced course in Finance which covers intensively the futures, options, and swaps markets as they are used for hedging, speculating, and arbitraging. The course provides an up-to-date coverage of derivative instruments. Offered in alternate years.
Prerequisites: BU4770 or BU4774; permission of instructor.

BU5790  Seminar in Finance  4 cr.
Discussion of topics in finance chosen by instructor. Offered every year.
Prerequisites: Senior Standing; permission of instructor.
BU5799  Internship in Finance  4 cr.
Designed for students who want experience in the work place participating in the finance environment. This is an excellent opportunity to prepare for a career in the field. Open to Finance majors only. Offered every semester.
Prerequisites: Senior status; approval by Director of Career Services.

BU5800  Marketing Research  4 cr.
Research methods and their application to business and marketing problems. Introduction to methods of data collection and analysis, including primary and secondary data, conclusive research and experimentation, sampling, and factor analysis. Offered every semester.
Prerequisites: BU3201, BU3800.

BU5820  International Marketing  4 cr.
Nature and practice of international marketing management. Covers problems of marketing across national boundaries as well as within different national markets. Emphasizes the environment in which international marketing takes place; deals with product, pricing, distribution and promotion strategies of international marketing managers; examines ways of integrating and coordinating the firm’s marketing programs in diverse markets. Offered every year.
Prerequisites: BU2420, BU2430, BU3800.

BU5841  Strategic Marketing Management  4 cr.
This course places heavy emphasis on problem recognition, strategizing, implementing and justifying why marketing plans should be adopted by the organization. Students will be applying knowledge gained in other courses to case studies and an interactive computer simulation. The perspective will be of senior marketing management. Offered occasionally.
Prerequisite: Senior Standing.

BU5851  Consumer Behavior  4 cr.
Incorporates concepts from the behavioral sciences that provide a foundation for the study of buyer behavior. The course evolves through an exploration of the contributions from economics, psychology, sociology and cultural anthropology that reveal the motivations underlying consumer behavior. Offered every semester.
Prerequisite: BU3800.

BU5860  Business to Business Marketing  4 cr.
An intensive analysis of business-to-business marketing involving examination of competitive and economic environments on marketing decisions related to business equipment, industrial components and process materials. Pricing options, segmentation, channel strategies, and promotion strategies will be evaluated through case analysis. Offered occasionally.
Prerequisites: BU2420, BU2430, BU3100 or BU4110; BU3800.

BU5865  Services Marketing  4 cr.
Exploration of marketing problems for service businesses and nonprofit organizations. Course involves extensive case analysis involving problem identification and the creation of marketing strategies for areas such as financial services, health services, professional services, transportation, and educational facilities. Offered occasionally.
Prerequisites: BU2420, BU2430, BU3100 or BU4110; BU3800.

BU5880  Brand Theory and Strategy  4 cr.
This course focuses on how brands are created and managed within the marketing process. Using an interdisciplinary marketing and social science perspective, students analyze the cultural system of brand identity generated by product manipulation and consumer choice, creating value for both buyer and corporation. Marketing policies are evaluated through an analysis of product development, distribution and pricing with particular focus on the newest communication tools in advertising, public relations and sales promotions. Offered every year.
Prerequisite: BU3800.

BU5891  Marketing Seminar  4 cr.
A program tailored to the needs and interests of students of marketing, advertising, and public policy issues. Students complete an actual business project related to marketing. Offered occasionally.
Prerequisite: Senior Standing.

BU5895  Internship in Marketing  4 cr.
Designed for students who want experience in the work place participating in the marketing environment. This is an excellent opportunity to prepare for a career in the field. Open to Marketing majors only. Offered every semester.
Prerequisites: Senior Standing; approval by Director of Career Services.
CHEMISTRY, PHYSICS AND PHYSICAL SCIENCE COURSES

All course offerings are contingent upon budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

To enroll in Chemistry/Physics courses at the 2000 level, students must demonstrate ECI. To enroll in Chemistry/Physics courses at the 3000 level, students must demonstrate ECII. To enroll in Chemistry/Physics courses at the 4000 level and beyond, students must be proficient in English.

Students may petition the department for waiver of prerequisite or co-requisite requirements for a course if they believe they have the equivalent background.

Courses fulfilling General Education requirements:

**CP2000 Chemistry for Non-majors** 3 cr.
Survey of chemistry for the non-science major. Basic principles to be covered include atomic structure, chemical properties, chemical reactions, the nature of organic and inorganic compounds and novel materials. Principles are illustrated with applications to daily life. No prior background in chemistry required. Offered periodically.

Prerequisite: MA0500.

**CP2001 Chemistry for Non-Majors Laboratory** 1 cr.
Laboratory course designed to illustrate concepts taught in Chemistry for Non-majors. Emphasis on measurement, observation, data collection and reporting in addition to illustration of basic chemical principles. One three-hour laboratory session per week. Offered in conjunction with CP2000.


**CP2050 The Nature and Development of Science**
The course involves students in the study and reflection within the historical context of the development of science as a forum to synthesize their learning of various scientific disciplines. The context is provided by a thorough analysis of the historical and philosophical foundations of scientific knowledge and practice, and its emergency as a distinctly modern view of the universe. The course addresses National Science Education Standards that call for an understanding of the history and development of science, as well as its interdisciplinary nature. Note: This course does not fulfill the General Education Domain 7A (Science) requirement.

Prerequisite: EMS.

**CP2210 Physical Science** 3 cr.
A survey of basic concepts of physical science for students in non-science majors. Topics chosen from fundamental principles of physics, astronomy, chemistry and earth science will provide the student with a broad basic background. Offered periodically.

Prerequisite: MA1020.

**CP2211 Physical Science Laboratory** 1 cr.
A one semester hands-on laboratory course designed to introduce the non-science major to the basic concepts of the physical sciences. Laboratory exercises are selected to provide a broad background in the fundamental aspects of Mechanics, Light, Electricity, Chemistry, Geology and Astronomy. Offered in conjunction with CP2210.

Prerequisite: MA1020; Co-requisite: CP2210.

**CP2300 Weather Studies** 3 cr.
Weather Studies covers the composition and structure of the atmosphere; the flows of energy to, from, and through the atmosphere; and the resulting atmospheric motions. The physical principles of atmospheric phenomena are stressed, as well as the effects of weather on society. Students will participate in learning activities coordinated with current weather data delivered via the web. Note: This is an online course; concurrent registration in CP2301 required. Offered periodically.

Prerequisite: MA1020; Co-requisite: CP2301.

**CP2301 Weather Studies Lab** 1 cr.
Laboratory course designed to illustrate concepts taught in Weather Studies (CP2300). Laboratory investigations include experiments on the physical properties of air, analysis of weather trends, and creation and interpretation of real time weather plots. Note that all lab work will be done online. Offered in conjunction with CP2300.

Co-requisite: CP2300.

**CP2400 Ocean Studies** 3 cr.
This is an introductory oceanography course suitable for students with no prior science background. This course investigates the world’s oceans from an earth system perspective, emphasizing interactions between spheres (i.e., hydrosphere, atmosphere). Topics covered will include the physical and chemical properties of seawater, flow and transformations of water and energy, and ocean circulation. Students will also study adaptations of marine life and human societal impacts on the oceans. Learning activities will make use of real-time ocean data.
data accessible via the web. Note: This course is conducted online.

CP2401 Ocean Studies Lab 1 cr.
Laboratory course designed to illustrate concepts taught in Ocean Studies (CP2400). Laboratory investigations will be both hands-on and web-based, and will include the interpretation of real-time ocean data. Offered in conjunction with CP2400. Successful completion of Ocean Studies and Ocean Studies Lab satisfies the college General Education requirement for a laboratory science course.

Courses designed for Chemistry Majors:

CP2120 Principles of Chemistry I 3 cr.
Introduction to the origins and principles of modern chemistry. Discussion of atomic and molecular structure, stoichiometry, periodicity, bonding and states of matter. Principles are illustrated through demonstrations and study of descriptive chemistry. Offered every semester.  Prerequisite: MA1020.

CP2121 Principles of Chemistry Lab I 1 cr.
Laboratory course designed to illustrate concepts of Principles of Chemistry I. Emphasis on basic chemical concepts, quantitative laboratory skills, descriptive chemistry, and development of scientific report writing skills. Three laboratory hours per week. Offered in conjunction with CP2120.  Co-requisite: CP2120.

CP2130 Principles of Chemistry II 3 cr.
Continuation of Principles of Chemistry I. Discussion of acid/base and oxidation/reduction reactions, equilibrium, kinetics and electrochemistry. Principles are illustrated through demonstrations and study of descriptive chemistry. Offered every semester.  Prerequisite: CP2120.

CP2131 Principles of Chemistry Lab II 1 cr.
Continuation of CP2121. Emphasis on basic chemical concepts, quantitative laboratory skills, descriptive chemistry, and development of scientific report writing skills. Three laboratory hours per week. Offered in conjunction with CP2130.  Prerequisite: CP2121; Co-requisite: CP2130.

CP2220 Structure of Physics I 3 cr.
A non-calculus, introductory physics course for biological science, health sciences and premedical students. Topics included are the principles and laws of mechanics, wave motion and sound. Offered every Fall.  Prerequisite: MA2090 or equivalent.

CP2221 Structure of Physics I Laboratory 1 cr.
A three-hour laboratory course illustrating topics covered in CP2220. Offered in conjunction with CP2220.  Co-requisite: CP2220.

CP2230 Structure of Physics II 3 cr.
A continuation of Structure of Physics I. Topics include heat and thermodynamics, electricity and magnetism, physical and geometric optics and selected topics from nuclear physics. Offered every Spring.  Prerequisite: CP2220.

CP2231 Structure of Physics II Laboratory 1 cr.
A three-hour laboratory course illustrating topics covered in CP2230. Offered in conjunction with CP2230.  Co-requisite: CP2230.

CP2240 General Physics I 3 cr.
The first semester of a calculus-based introductory physics course primarily for chemistry, math and pre-engineering majors. Kinematics, energy, momentum, rotational motion, sound and wave motion are included. Offered every Fall.  Prerequisite: MA2310.

CP2241 General Physics I Laboratory 1 cr.
A three-hour laboratory course illustrating topics covered in CP2240. Offered in conjunction with CP2240.  Co-requisite: CP2240.

CP2250 General Physics II 3 cr.
The second semester of a calculus-based general physics course. Optics, electricity, and magnetism are included. Offered every Spring.  Prerequisite: CP2240.

CP2251 General Physics II Laboratory 1 cr.
A three-hour laboratory course illustrating topics covered in CP2251. Offered in conjunction with CP2250.  Co-requisite: CP2250.
### CP2400 Ocean Studies 3 cr.
This is an introductory oceanography course suitable for students with no prior science background. This course investigates the world’s oceans from an earth system perspective, emphasizing interactions between spheres (i.e., hydrosphere, atmosphere). Topics covered will include the physical and chemical properties of seawater, flow and transformations of water and energy, and ocean circulation. Students will also study adaptations of marine life and human societal impacts on the oceans. Learning activities will make use of real-time ocean data accessible via the web. Note: This course is conducted online.

Co-requisite: CP2401.

### CP2401 Ocean Studies Lab 1 cr.
Laboratory course designed to illustrate concepts taught in Ocean Studies (CP2400). Laboratory investigations will be both hands-on and web-based, and will include the interpretation of real-time ocean data. Offered in conjunction with CP2400. Successful completion of Ocean Studies and Ocean Studies Lab satisfies the college General Education requirement for a laboratory science course.

Co-requisite: CP2400.

### CP3230 Mathematical Methods in the Physical Sciences 3 cr.
Application of advanced mathematical principles to problems in the physical sciences. Topics include infinite and power series, functions of several variables, matrix and vector algebra, Fourier analysis, special functions and differential equations. Offered periodically.

Prerequisite: MA2320.

### CP3300 Organic Chemistry I 3 cr.
The first semester of an introductory organic chemistry course. Discussion of major classes of organic compounds, with emphasis on structure, reactions, synthesis, stereochemistry and reaction mechanism. Offered every Fall.

Prerequisite: CP2130.

### CP3302 Organic Chemistry Lab I 2 cr.
Designed to illustrate topics of CP3300. Stresses development of laboratory skills in synthesis, separation and purification of organic compounds. Emphasizes scientific report writing skills. Four laboratory hours per week. Offered in conjunction with CP3300.

Co-requisite: CP3300.

### CP3310 Organic Chemistry II 3 cr.
Continuation of Organic Chemistry I, with discussion of additional major classes of organic compounds. Offered every Spring.

Prerequisite: CP3300.

### CP3312 Organic Chemistry Lab II 2 cr.
Designed to illustrate topics of CP3310. Stresses additional synthetic techniques not covered in CP3302, spectroscopic methods and qualitative organic analysis. Emphasizes scientific report writing skills. Four laboratory hours per week. Offered in conjunction with CP3310.

Prerequisite: CP3302; Co-requisite: CP3310.

### CP3400 Analytical Chemistry 5 cr.
Study of chemical stoichiometry, homogeneous and heterogeneous equilibria, principles of volumetric and gravimetric analysis, chemical separation methods and spectrophotometry. Includes statistical analysis of data and scientific record-keeping. Two lectures and one four-hour laboratory per week. Offered every Fall.

Prerequisites: CP2130, CP2131.

### CP4320 Advanced Organic Chemistry 3 cr.
An examination of modern synthetic methods, molecular orbital theory, linear free energy relationships, acid-base catalysis, neighboring group participation, medium and salt effects, and a detailed consideration of the mechanistic features of a wide variety of organic reactions. Offered periodically.

Prerequisite: CP3310; Co-requisite: CP4700.

### CP4510 Biochemistry I 3 cr.
Comprehensive coverage of the chemistry and metabolism of biological compounds, including proteins, nucleic acids, lipids, polysaccharides, and their precursors. Also treats enzyme kinetics, bioenergetics and biosynthesis of important biomolecules. Offered every Fall.

Prerequisite: CP3310.

### CP4515 Biochemistry II 3 cr.
Continuation of Biochemistry I, with emphasis on the control of biochemical processes, photosynthesis, replication, transcription and translation, genetic engineering, ribosomes, and metabolism. Offered every Spring.

Prerequisite: CP4510.

### CP4520 Biochemistry Lab 2 cr.
Laboratory experiments illustrating current biochemical techniques and reinforcing lecture topics. Four laboratory hours per week. Offered in conjunction with CP4510.

Co-requisite: CP4510.
CP4700  Physical Chemistry I 3 cr.
Survey of the basic principles of physical chemistry, with emphasis on thermodynamics, changes of state, solutions, phase equilibria and kinetic theory. Offered every Fall.

Prerequisites: CP2130, MA2320 and two semesters of college Physics.

CP4710  Physical Chemistry II 3 cr.
Survey of the basic principles of physical chemistry with emphasis on chemical kinetics, quantum mechanics, atomic and molecular structure. Offered every Spring.

Prerequisite: CP4700.

CP4720  Physical Chemistry Lab 2 cr.
Laboratory experiments designed to illustrate the chemical principles underlying thermodynamics, equilibria, surface and transport properties, chemical kinetics, and spectroscopy. Includes vacuum techniques and use of computers to acquire and analyze data. Emphasizes scientific report writing in standard format. Offered in conjunction with CP4710.

Co-requisite: CP4710.

CP4800  Advanced Chemical Methods 5 cr.
A study of organic and inorganic compounds using instrumental methods of characterization. Synthetic techniques may include use of inert atmosphere and electrochemical methods. Characterization of compounds may utilize spectroscopy, GC/MS, LC/MS, electrochemistry, NMR and others. Two lectures and one four-hour laboratory per week. Emphasis on scientific report writing in standard format. Offered every Spring.

Prerequisites: CP3310, CP3312, CP3400, CP4700.

CP5500  Advanced Topics in Chemistry 3 cr.
One-semester lecture course covering selected topics of current importance to chemists. Course content may include such topics as spectroscopy, radiation chemistry, electricity and magnetism, molecular orbital theory, group theory and new instrumental techniques. Offered periodically.

Prerequisite: Permission of the Instructor.

CP5600  Advanced Inorganic Chemistry 3 cr.
Study of inorganic chemistry emphasizing the use of thermodynamic, kinetic and quantum mechanical principles. Topics include structure, bonding, descriptive chemistry, coordination compounds, group theory, and discussion of current topics from the literature. Offered periodically.

Prerequisite: CP4710.

CP5900  Research 2-4 cr.
Research project carried out under the supervision of a faculty member. Each project includes a survey of the appropriate original literature, a theoretical or experimental investigation, and a comprehensive report of the results. Offered every semester.

Prerequisite: Permission of the Chemistry/Physics faculty.

CP5920  Senior Seminar I 1 cr.
Capstone course in which the student integrates coursework in the sub-disciplines to discuss topics of current interest in the profession. Includes instruction in library resources and on-line searching, scientific writing, ethics workshops and oral presentations. Students choose a supervisor and seminar topic and submit a draft written report. Attendance at Science Seminar Series is required. Offered every Fall.

Prerequisite: Senior Standing or Permission of the Instructor.

CP5921  Senior Seminar II 1 cr.
Continuation of CP5920. Emphasis on producing paper in American Chemical Society format. Attendance at Science Seminar Series is required. Offered every Spring.

Prerequisite: CP5920.

CP9990  Independent Study in Chemistry/Physics 2-4 cr.
An academic project other than laboratory research carried out under the supervision of a faculty member. Offered every semester.

Prerequisite: Permission of the Chemistry/Physics faculty.
All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures, and are offered in accordance with student demand, unless otherwise indicated. Prerequisites must be met and no course substitutions are allowed except with the written approval of the department Chair.

**CS1500  Introduction To Computer Applications  4 cr.**
This course is designed to provide the student with a comprehensive introduction to PCs. Topics include fundamental concepts, hardware components, software products, trends in computing and an introduction to the Microsoft Windows environment, including the use of the mouse and file management. Issues related to the impact computers have on society and current changes in technology are also discussed. Students will receive hands-on instruction in popular software applications including Microsoft Word, Excel, Access and PowerPoint. Offered every semester.

**CS1505  Internet and Society  4 cr.**
This course covers workings of the Internet, researching online and societal issues which either affect the Internet or are affected by it. Topics: Overview of the Internet and World-Wide-Web, ISPs, e-mail, chat, instant messaging, browsers, databases and Web services, file types and downloading, Web page design, online shopping and security. Researching online: search engines, indexes, quick reference aids, Boolean searches, Web resources in various subject areas. Societal issues: intellectual property, privacy, online education, e-commerce, online communities. Offered every year.

**CS1510  Advanced Computer Applications  4 cr.**
This course introduces the role of computers and data processing in the business environment. Topics include essential business computer concepts. Popular PC software packages (database management software and especially electronic spreadsheets) are used to emphasize business analysis and decision-making using computers. Business and Accounting majors will appreciate our coverage of the electronic spreadsheet package, Microsoft Excel. Topics include: basic spreadsheet design, entering data, formatting worksheets, implementing formulas and more. This course is primarily for business majors. Offered every year.

**CS2410  Web Site Design  4 cr.**
This course provides an introduction to designing web pages using Adobe DreamWeaver and other web technologies. Students will learn how to design a professional looking web site using hands-on software and real life examples. Topics include creative design, layout and typography, organization of content, navigation, tables, frames, templates and style sheets, graphics, animation, plug-ins, streaming audio and video, Flash, HTML, and XHTML. Assignments carried out individually and in groups. Offered once a year.

**CS2510  Computer Programming I  4 cr.**
Introduction to program design and analysis: algorithmic processes, basic programming techniques, program specification & structure, program development, debugging and testing. Emphasis on programming methodology and style. Students learn the basic language features of C++/Java to write basic to intermediate level programs. Offered every semester.

**Prerequisite: MA2090 or equivalent.**

**CS2511  Computer Programming II  4 cr.**
Continuation of CS2510. Discussion of storage classes, pointers, recursion, files and string manipulation. Basic data structures and algorithms, data abstractions and object-oriented programming. Students write intermediate to advanced level programs in C++/Java. Offered every semester.

**Prerequisites: CS2510 and MA2030.**

**CS2610  Visual Basic and Object-Oriented Programming  4 cr.**
This course provides an introduction to the Visual Basic programming language, programming concepts and terminology, algorithms, and problem solving strategies. It will provide students with the critical thinking skills necessary to design and write computer programs utilizing the components of Visual Basic. Students will learn how to develop professional real-life applications using Graphical User Interfaces and be introduced to programming topics such as objects, classes, control structures, methods, functions, string and array handling, and an introduction to ADO.NET. Offered every semester.

**Prerequisite: None**

**CS3611  Advanced Visual Basic and Database Application Programming  4 cr.**
This course provides an in-depth study of the skills and knowledge of Visual Basic programming. It is intended to reinforce and build upon the introductory Visual Basic course by extending coverage of the contents in CS2610 and introducing more advanced features of the language. Some of the advanced topics include SQL, database programming, reporting scheme, programming for the web and web forms, object-oriented programming, accessing data with ADO.NET. It also introduces basic technologies in ASP.NET. Offered every semester.

**Prerequisite: CS2510 or CS2610 or CS3911 or equivalent.**
CS3410  Interactive Multimedia Design  
This course provides an introduction to Interactive multimedia design emphasizing animation, sound and video using Adobe Flash and ActionScript. Students will learn how to design and create professional multimedia applications for e-commerce, interactive instructional videos, and interactive web sites with rich internet applications using state of the art multimedia software. Topics include the application of e-business strategies using interactive audio and video, drawing and color tools, animation, timeline effects, shape tweening, video and audio parameters and compression formats, OOP, ActionScript properties and classes, methods, functions, event handlers, conditional statements, loops and arrays. Assignments to be carried out individually and in groups Offered once a year.

Prerequisite: Familiarity with computer programming recommended.

CS3620  Computer Architecture I  
Basic computer architecture. Switching theory, data representation, arithmetic operations, assembly language coding, Boolean logic, combinational circuits, logical design, instruction execution, sequential machines. Offered every semester.

Prerequisites: CS2510 and MA3030.

CS3630  Computer Architecture II  
Integrated circuits, pipelining, Cache Memory, DRAM, RAID, Memory Hierarchy, I/O Device Interfacing, DMA, CISC processing, RISC processing, Multi processing, Vector processing, Parallel processing. Offered once a year.

Prerequisite: CS3620.

CS3810  Data Structures & Algorithms  
Abstract data structures and their implementations. Linear lists, stacks, arrays, orthogonal lists, graphs, trees and multilinked structures. Basic and higher level file structures and their manipulation. Analysis and design of efficient sorting and searching algorithms, including recursion, divide-and-conquer, and balancing approaches. Advanced level programming. Assignments conforming to the object-oriented methodology covered in CS2511. Offered every semester.

Prerequisites: CS2511 and MA3030.

CS3910  Java and Object-Oriented Programming  

Prerequisite: CS3810.

CS3911  C++ and Object-Oriented Programming and Design  
Object-oriented programming: encapsulation, abstraction, classes, interfaces, objects, messaging, composition, polymorphism and inheritance. Language features: namespaces, exceptions and templates. Programming with STL. File structures and file I/O. Object-oriented design: design patterns, frameworks and UML. Programming assignments carried out individually and in groups. Offered once a year.

Prerequisite: CS3810

CS4100  Technical Communications  
Emphasis on technical writing and public speaking skills. Application of report-writing fundamentals to technical correspondence, technical reports, user manuals. Detailed analysis of the problem of conveying technical information to technical and non-technical audiences in written, as well as oral form. Term project involving written paper on a technical subject and an oral presentation of the subject in class. Offered every semester.

Prerequisite: Junior Standing in Computer Science.

CS4400  Artificial Intelligence  
Introduction to the programming language LISP. Additional topics include: search as problem-solving paradigm; depth first, breadth first, best first, min/max and alpha beta; state space representation, OR graphs, AND/OR graphs, means end analysis and problem reduction; propositional and predicate logic, skolemization, resolution and theorem proving, semantic nets, frames, neural nets and genetic algorithms. Students write programs in LISP and C++/Java. Offered every other year.

Prerequisites: CS3810 and MA3210.

CS4501  Software Engineering  
Introduces discipline into the development of small programs and teaches construction of large programs using smaller ones as components. Program development focuses on recognition and description of useful abstractions. Object-oriented methodology; procedural, data and control abstractions; specifications, design methods, UML, implementation and testing. Programming assignments in C++/Java are carried out individually and in groups. Offered every semester.

Prerequisite: CS3810.

CS4550  Database Systems  
Basic concepts: data, information systems, data independence and need for DBMS facilities. The relational model: schema, subschema, relational algebra, relational calculus, SQL, ODBC, JDBC and SQLJ. Database design: entity-relationship model and normalization.
Performance considerations, integrity, security and transaction processing. DBMS examples: Access, DB2 and Oracle. Offered every semester.

**CS4600 Topics in Computer Science**  
4 cr.  
Current topics in computer science which are of interest to the computer science faculty will be chosen for discussion. Topics may change each semester. Offered once a year.

**CS4610 Languages & Translators**  
4 cr.  
Topics include features and characteristics of programming languages and basic principles and techniques of language design. Lexical analysis, syntax analysis, code generation, symbol table and error handling will be covered. The student will develop a simple compiler or interpreter. Offered once a year.

**CS4710 Applied Cryptography and Computer Security**  
4 cr.  
This course develops notions of information security and deals with the tools for guaranteeing secure communications in an adversarial setting. Topics include basic number theory, cryptographic methods, key distribution, and protocols for authentication and confidential communications. The course examines C++/Java security applications that employ cryptography. Students will be assigned several small programs incorporating security. Offered once a year.

**CS4720 Internet and Web Technologies**  
4 cr.  
Survey of Internet technologies and a comprehensive introduction to the programming tools and skills required to build and maintain server sites on the Web. TCP/IP: protocols and services. WWW/HTTP/HTML techniques for text, images, links and forms. Javascript and DHTML. XML, CSS1, CSS2. Indexing and search. Pearl and basic CGI. JavaApplet, Servlet and JDBC. Web-Database interface: MYSQL, Perl-DBI, PHP/VB Script-Access. Intensive programming assignments to be carried out individually and in groups. Offered once a year.

**CS5551 MIS Topics**  
4 cr.  
The purpose of this course is to introduce the students to the practical aspects of building industrial-strength integrated MIS systems through the use of real-life MIS systems’ case studies. The course endeavors to connect enterprise, technological, organizational and strategic issues in support of integration of information and systems. The course will also cover new technologies including artificial intelligence and data mining used in support of management decision-making. Invited speakers will discuss the challenges faced by MIS departments in serving the needs of their enterprises as well as their perspective on the future developments in the field. Students will be required to write a term paper which will be presented in a classroom forum and form a major part of each student’s grade. The course assignments will be carried out individually as well as in groups. Concurrent registration in C55910 is recommended. Offered once a year.

**CS5610 Operating Systems**  
4 cr.  

**CS5710 Computer Networks**  
4 cr.  
Basic system support for process to process communications across a computer network. The TCP/IP protocol suite and the socket application programmers’ interface. Development of network application programs based on the client server model. Local area and wide-area network technologies including fast Ethernet, X.25, frame relay and ATM. Performance considerations, network security, network management and multimedia networks.

**CS5730 Computer Network Security**  
4 cr.  
This course is a continuation of CS4710 and deals with the issues in network security. Topics include Kerberos, public key infrastructures, electronic mail security, IP security, Web security, intrusion detection and response, password management, viruses and worms, firewalls, denial of service attacks and defenses, wireless security, and privacy. Students will write several small programs including a network application incorporating security. Offered once a year.

**Prerequisites:** CS5910; CS4550; CS5710.
CS5910  Systems Design & Implementation  4 cr.
System feasibility studies, meeting with users, project definition, environmental analysis. Data collection, design phase, system restart and recovery. Database considerations, programming, system completion, systems parallel, benchmarks. User training and manual. Conversion planning. Students, working in groups, design and implement a significant software project. Offered every semester.
Prerequisites: CS4550, and CS5710 and CS4501 or CS5551.

CRIMINOLOGY COURSES

All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

CR2500  Introduction to Criminology  4 cr.
This course will provide students with an introduction to the social scientific study of crime. Students will explore quantitative and qualitative evidence concerning various types of crime (e.g. murder, robbery, rape, domestic violence, child abuse, burglary, larceny, motor vehicle theft, organized crime, international crime, and white collar crime). Also, they will explore crime statistics concerning the demographic dimensions of crime (i.e. age, race, sex, and class). Students will be provided with a brief introduction to biological, psychological, and sociological explanations of crime, and learn to compare social science and media representations of crime and criminals. Finally, students will learn to assess conservative, liberal and radical explanations of historical crime trends, and to examine the impact of the criminal justice system (i.e. police, courts, corrections) on rates of crime. Offered every semester.
Prerequisite: ECI.

CR3090  Juvenile Delinquency  4 cr.
This course will provide an introduction to theories and research findings concerning causes of juvenile delinquency in U.S. society. In addition, social policies designed to address delinquency as a social problem will be explored. Offered every year.
Prerequisite: ECI.

CR3200  Crime, Media and Culture  4 cr.
This course explores the ways that media and cultural processes socially construct crime in modern society. Drawing on the latest theories of culture and crime, students will investigate the relationships among mass media, individual agency, actual crime and criminal justice. Emphasis will be on crime news, popular representations of crime, contemporary media portrayals of different types of crime and their interactions with racial, ethnic, class and gender stereotypes. Offered every year.
Prerequisite: ECI.

CR4000  Gender, Crime and Justice  4 cr.
This course will examine the role of gender in the criminal legal system. It will cover the relative status of women and men from the late 19th century to the present, and the process of becoming full and equal participants in society. The course will use major sociological theories of gender difference to understand offenders and defendants; prisoners; law enforcement professionals; and victims of this system. Current programs for community based justice and the tension between theories of gender difference, practices and programs for women in the legal system, and conservative and feminist political views regarding the abilities and disabilities of women will also be included. Offered every year.
Prerequisites: CR2500; EMS.

CR4091  Punishment and Corrections  4 cr.
Students are introduced to the sociology of punishment and corrections. The historical development and form of modern corrections systems in the United States are explored. Various punishment and correction strategies, ideologies, and policy alternatives are assessed. Offered every year.
Prerequisites: CR2500; EMS.

CR4092  Victimology  4 cr.
This course will provide an introduction to theory and research about individuals and specific populations that have been victimized by interpersonal, institutional and state-sanctioned violence and abuse. Specific topics may include domestic violence and incest, rape, biased-related crimes, and post-trauma syndrome as a result of war, torture, social or environmental catastrophes. Students will also become acquainted with the variety of social services, specialized programs within the criminal justice system and practitioners who treat "survivors" of violence and abuse. Offered every year.
Prerequisites: CR2500; EMS.

CR4093  Criminal Justice Administration  4 cr.
This course introduces the student to conceptual frameworks, theories, and empirical research related to criminal justice administration. Students learn to understand criminal justice as a system, embedded within other systems, and to consider the interaction between (and
the interdependence of) the major system components (police, prosecution, courts, and corrections). The administration of criminal justice and criminal justice policy are considered at length. Students apply what they have learned to a series of realistic case studies. Offered every year.

CR4094  Drugs and Society 4 cr.
This course examines the use of drugs not only in contemporary American society, but also cross-culturally. The course is arranged so that the material progresses from substances utilized in their natural forms, up to technological “designer” drugs. The problems and virtues of objectively and subjectively studying drug effects are extensively addressed. The history of specific substances is exhaustively explored, so that students may see how modern representations and use of substances such as caffeine, marijuana, cocaine, etc., differ from other areas. Students are taught to think critically about drug information presented by the government, media, and pharmaceutical industries. The course investigates how drug use varies by class, race, and sex. The course integrates all of this knowledge to critically assess current drug laws and policies. Offered every year.

CR4099  Sociology of Violence 4 cr.
This course provides a sociological inquiry into the various manifestations of violence in societies, including interpersonal forms of violence such as homicide, rape, and physical assault as well as collective forms of violence such as state-sponsored violence, war, genocide, terrorism and torture. Specific attention will be paid to the sociological causes and effects of individual and collective violent actions. Offered every year.

CR4550  Theories of Crime 4 cr.
Students will read a variety of theoretical writings from the literature on crime and deviance. Classes and assignments will be designed to enable students to summarize, assess, and critique these theories. In addition, the implications of theoretical criminology for social/criminal justice policy will be explored. Offered every year.

CR4999  Issues in Criminology 4 cr.
Gives students the opportunity to examine in greater depth the analysis and discussion of current specialized criminological work in the particular area defined by the instructor (as indicated in the schedule of classes). Students are permitted to take CR 4999 Issues in Criminology for credit and as fulfillment of elective requirements for the Criminology and Sociology Majors up to two times in which two distinct topics are covered. Offered every year.

SCHOOL OF EDUCATION COURSES

All course offerings are contingent on budgetary allocations faculty resources, and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

ED3330  Children's Literature 4 cr.
An introduction to the study of literature for children in the pre-school and elementary grades. The course includes, selection and evaluation of books for children; language development through children's literature; use of literature to promote the social, emotional and creative development of children; integrating children's literature into the content areas; planning story activities. Opportunities to work with children ages 3-7 where feasible. Offered most semesters.

ED3600  Puerto Rican and Other Hispanic Children in U.S. Schools 4 cr.
Designed for prospective teachers who will have Hispanic children in their classroom. The course will cover an analysis of Hispanic migrations and an analysis of the Hispanic child's experience in the United States and American schools. It will focus on the classroom implementation of Hispanic history and culture to make curriculum more relevant. Required of Bilingual Education majors. Offered each fall.
ED3650  Foundations of Bilingual/Multicultural Education  
This course will be required of all students in the Education Program who intend to major in Bilingual Education. It will be the first course in the area of concentration and will serve as an orientation to Bilingual Education. Among the topics to be considered are: historical and philosophical foundations of Bilingual Education, the socio-psychological and linguistic aspects of bilingualism; and the political, legislative and legal ramifications of Bilingual Education. Students will be introduced to the areas of evaluation, methodology and linguistics as they relate to Bilingual Education. Offered each spring.

Prerequisite: EC II.

ED3700  Child Development and Practicum for Teachers  
Provides students with background information concerning the intellectual, physiological, social, emotional, and creative development of children from birth through the elementary school years. Emphasis is given to the contributions of Piaget, Gardner and other developmental theorists. Practical relevance of child development information is stressed throughout this course for students who plan to work with children. Students will participate in a practicum in a field-based classroom to gain experience with children in an educational setting and to reflect upon teaching as a career. Offered each semester.

Prerequisites: EC II; Sophomore Standing.

ED3820  Foundations of Special Education: Areas of Exceptionality  
This course provides an introduction to the field of special education. The course examines the learning and behavioral characteristics of each category of exceptionality as well as the sociocultural issues, problems, and trends affecting educational programming for exceptional children in mainstream and self-contained classrooms. Field visits to special education facilities are required. Required for dual certification students; required for all teacher education majors. Offered every semester.

Prerequisites: ED3700 or ED3900; EC II.

ED3900  Foundations of Education  
Examines the historical, philosophical and pedagogical, foundations of education in the United States as related to political, economic and social conditions. Major figures that have helped shape education are discussed. Supreme court cases that affect current issues are reviewed; major trends in education are discussed and analyzed. Offered every semester.

Prerequisites: EC II; Sophomore Standing.

ED4082  Methods and Materials of Teaching Mathematics and Technology in the Secondary Schools  
An examination of the junior and senior high school curricula and specific methods of teaching mathematics at the secondary level. This course enables the student to relate the competencies demonstrated in ED4081 in the specific area of mathematics. Students are expected to analyze junior and senior high school curricula and demonstrate familiarity with texts, the New York State syllabi and national projects in mathematics. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students. Corequisite: ED5901.

ED4083  Methods and Materials of Teaching Spanish in the Secondary Schools  
Introduction to the elements of a foreign language curriculum. Selecting, organizing and presenting material; designing classroom activities; evaluating student progress; teacher-pupil relationships and classroom observations. Students are expected to demonstrate familiarity with junior and senior high school curricula, texts and the New York State syllabi. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students. Corequisite: ED5901.

ED4085  Methods and Materials of Teaching Science in Secondary Schools  
An examination of the junior and senior high school curricula and specific methods of teaching science at the secondary level. Enables students to develop competencies explored in ED4081 as they relate to the teaching of science. Students are expected to analyze junior and senior high school curricula, demonstrate familiarity with texts, the New York State syllabi and national projects in science education. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students. Corequisite: ED5901.

ED4086  Methods and Materials of Teaching Social Studies in Secondary Schools  
An examination of the junior and senior high school curricula and specific methods of teaching social studies at the secondary level. Students are expected to analyze junior and senior high school curricula and demonstrate familiarity with texts, the New York State syllabi and standards, and national projects in social studies. A special feature of this course will be its focus on technologies and technological sources available for social studies teachers. Offered every spring.

Prerequisites: EC II, Sophomore Standing, ED3900, Admission to SOE. Corequisite: ED5901.

ED4120  Methods and Materials of Teaching Mathematics, Science and Technology in the Elementary Classroom  
This course provides curriculum information, hands-on experiences, and planning opportunities consistent with the New York State Learning Standards for Mathematics, Science, and Technology. It is organized around a series of units appropriate for elementary chil-
children that integrate mathematics, science, and technology. Students will engage in interdisciplinary and disciplinary activities; experience technology both as a part of contemporary life and as a tool for promoting learning; and plan and microteach integrated mathematics, science, and technology lessons. ED 4120 is offered every spring or summer.

Prerequisites: Admissions to SOE; ED3700; ED4740; proficiency in mathematics; completion of laboratory science; EMS.

**ED4120B Methods and Materials of Teaching Mathematics, Science and Technology in the Elementary Classroom (Bilingual-Spanish)**

This course provides curriculum information, hands-on experiences, and planning opportunities consistent with the New York State Learning Standards for Mathematics, Science, and Technology. It is organized around a series of units appropriate for elementary children that integrate mathematics, science, and technology. Students will engage in interdisciplinary and disciplinary activities; experience technology both as a part of contemporary life and as a tool for promoting learning; and plan and micro-teach integrated mathematics, science, and technology lessons. It is taught in both English and Spanish with a focus on the Spanish language vocabulary for mathematics, science, and technology. It provides prospective teachers with the methods of teaching content appropriate to the teaching certificate to bilingual English language learners, using the native language and English, for meeting the State Learning Standards for students. ED 4120B—Offered every spring or summer.

Prerequisites: Admissions to SOE; ED3700 and ED4740; proficiency in mathematics and Spanish; completion of laboratory science; EMS.

**ED4200 Foundations of Reading I**

The purpose of this course is to prepare pre-service teachers to teach reading to students in elementary grades within a balanced and integrated language arts perspective. There will be discussions about and demonstrations of methods of organizing reading/writing literacy activities for a multicultural, inclusive classroom setting. Special attention is given to 1) the theoretical reading models, 2) reading and writing developmental stages, 3) the teaching of specific language skills and learning strategies, 4) planning for second language learners and children with learning disabilities 5) implementing the New York State Learning Standards for English Language Arts, and 6) Standards for the Assessment of Reading and Writing (IRA and NCTE). The course will include practical applications of methods and materials used in class. Each participant may be responsible for working with a child or children involved in the reading process. Offered every semester.

Prerequisites: Admissions to SOE; ED3700; EMS; proficiency in language arts; computer literacy is recommended.

**ED4220 Teaching Reading II**

The purpose of this course is to explore techniques and strategies to integrate reading instruction across the content areas. The focus will be on reading to learn. This course will concentrate on the application of theory and methodology in reading instruction. Emphasis will be placed on how reading relates to other language arts, the writing process, reading in the content areas, and study strategies. ED 4220 offered every semester; ED 4220B offered every fall.

Prerequisites: Admissions to SOE; ED3700; ED4200; EMS.

**ED4220B Teaching Reading II (Bilingual-Spanish)**

This course is designed to comply with New York State Teacher Certification in bilingual education in that it prepares prospective teachers to use methods and materials for teaching reading and writing in bilingual education programs—transitional, maintenance and dual language. The course will explore instructional strategies for integrating reading and writing across the content areas and will concentrate on the application of theory, methodology and applications of technology in literacy instruction to meet requirements of the New York State Learning Standards in English Language Arts and Languages Other than English. Attention will be given to the assessment and evaluation of first and second language literacy development. Offered every fall.

Prerequisites: Admissions to SOE; ED3650; ED3700; ED4200.

**ED4230 Reading Across the Curriculum**

This course focuses on current approaches to literacy instruction across the curriculum. It is designed for secondary teacher candidates, and addresses specific instructional strategies appropriate for the adolescent population. Emphasis will be placed on theoretical models of reading, instructional techniques, assessment techniques, strategies specific to multicultural and bilingual learners.

Prerequisites: Admissions to SOE; EMS.

**ED4231 Reading Across the Curriculum Practicum**

The purpose of this course is to provide Adolescence and Middle Childhood Education candidates with an opportunity to observe literacy strategies in various discipline settings. The course goal is to familiarize candidates with differentiation of instruction and methodology for diverse/multicultural populations. Candidates will also become familiar with the strategic needs of learners with exceptionalities. Candidates will be asked to keep a journal (field notes) regarding their observations and to construct a Strategic Literacy Toolbox (SLT) for use in the educational environment. The SLT will be composed of their field notes and research-based strategic lesson plans.

Prerequisite: ED 4230.

**ED4300 The Student with Learning Disabilities**

Provides students with background information for understanding children who are experiencing learning difficulties in the elementary school. Exploration of the possible causes, assessment techniques and treatment procedures for the learning disabled are discussed; the special problems of dyslexia and the culturally and linguistically diverse student with special education needs are also addressed. Field experience is required. Offered fall only.

Prerequisites: ED3820 or Permission of Instructor; EC II.
ED4660  Issues in Multicultural Education 4 cr.
Focuses on the educational needs of children of varying ethnic, cultural, and/or language backgrounds. An analysis of varied pedagogical practices, current materials, related curricula, and problems of inter-group education are included. Offered every semester. Students taking this course in the summer will be responsible for the additional expenses and extended time involved in taking a number of field trips.

Prerequisites: Admission to SOE; ED3700, ED3900.

ED4670  Methods and Materials of Teaching English as a Second Language 4 cr.
This course examines the dimensions of language, theories and research in first and second language acquisition, and factors involved in the teaching of English as a second language. The focus will be on the principles, methodologies, techniques, and approaches appropriate to teaching school age students content through a second language. Required of Bilingual Education majors. Offered every Spring or Summer.

Prerequisites: ED3700, ED3900, EMS.

ED4740  Interdisciplinary Instructional Strategies 4 cr.
Provides generic background information for developing an interdisciplinary approach to instruction for children in early childhood, elementary, and middle school classes. Emphasis is given to the preparation of interdisciplinary, thematic units of instruction and the processes involved in designing disciplinary and inter-disciplinary lessons and activities. As they practice lesson and unit planning techniques, students develop skills needed to address the New York State Learning Standards and prepare educational objectives. The course reviews questioning strategies; uses of the Internet and educational technology in research and planning for teaching; and applications of educational taxonomies and authentic and traditional assessment techniques. Throughout the course, children’s developmental levels and abilities are related to the planning processes. Competence in language and research skills needed by teacher education majors is demonstrated in the preparation of a research project. Offered every semester.

Prerequisites: ED3700 or ED4742, EMS.

ED4740B  Interdisciplinary Instructional Strategies (Bilingual-Spanish) 4 cr.
This course is designed to provide methods for teaching content appropriate to the teaching certificate to bilingual English language learners, using the native language and English. It provides generic background information for developing an interdisciplinary approach to instruction for children in early childhood, elementary, and middle school classes. Emphasis is given to the preparation of interdisciplinary, thematic units of instruction and the processes involved in designing disciplinary and interdisciplinary lessons and activities. As they practice lesson and unit planning techniques, students develop skills needed to address the New York State Learning Standards and prepare educational objectives. The course reviews questioning strategies; uses of the Internet and educational technology in research and planning for teaching; application of educational taxonomies; and authentic and traditional assessment techniques. Throughout the course, children’s developmental levels and abilities are related to the planning processes. Competence in the English and Spanish languages and research skills needed by teacher education majors is demonstrated in the preparation of a research project in Spanish. Offered every fall semester.

Prerequisites: ED3700 or ED4742, EMS.

ED4742  Middle Childhood and Adolescence 4 cr.
Examines human development from six years through adolescence. Research and theories concerning physical, cognitive, personality and social development will be reviewed. Family, peer groups, schools and media will be discussed. The impact of socioeconomic background, culture, race and gender will be discussed throughout. The use of theories and research in applied settings will be discussed. Offered every semester.

Prerequisites: PY2010, EC II.

ED4810  The Student with Emotional Disabilities 4 cr.
The course consists of a study of children whose primary disability consists of emotional difficulties and challenging behaviors. The theoretical component is organized into three parts: a study of severe and profound emotional disabilities; a study of mild to moderate emotional disorders; and a study of optimum conditions for emotional development. The practical component will consist of an exploration of a variety of intervention approaches and other classroom activities that address the needs of students with emotional disabilities. Offered spring only.

Prerequisites: Admission to SOE; ED3820, EC II.

ED4850  Curriculum and Materials for Teaching the Student with Learning Disabilities 4 cr.
The methodologies and techniques for teaching children with specific learning disabilities in special education classes will be addressed. Students will develop skills in task analysis, metacognitive strategies, informal assessment procedures, and design of interdisciplinary thematic/modules of instruction for the content areas in order to meet the educational needs of pupils from diverse cultural and/or linguistic backgrounds. Students will develop teacher-made materials for assessing and instructing pupils. Offered spring only.

Prerequisites: Admission to SOE; ED4300 or permission of the instructor, EC II.

ED4890  The Student with Cognitive Disabilities: Overview, Theories and Practices 4 cr.
Modules of instruction are designed to address: identification of the mentally retarded and the historical basis for current assessment practices; issues relating to the education and treatment of people with MR; learning and behavioral characteristics of the mentally
retarded and methods to enable them to reach their potential. Students will develop adaptive materials to meet the educational and affective needs of monolingual and ESL pupils with mental retardation. Research paper and a practicum in settings for the developmentally delayed required. Field experience required. Offered fall only.

ED5900  Student Teaching in Secondary School and Seminar (Grades 7-12) 12 cr.
This is the capstone student teaching experience for candidates seeking certification in adolescence education in biology, chemistry, mathematics, social studies and Spanish. This course provides an opportunity for candidates to apply knowledge and skills developed in coursework under the guidance of a university supervisor and cooperating teacher. This course is a full-time commitment, with half the semester spent at grades 7-9 and half at grades 10-12. Students participate in a weekly seminar.

Prerequisites: Admission to SOE; ED3820; EC II.

ED5901  Observation, Practicum, and Seminar 2 cr.
This course provides an opportunity for middle childhood and adolescence education majors to experience the school environment prior to student teaching. Candidates spend 100 hours in schools for the purpose of observation of instruction and other school activities, interaction with children and teachers, and reflection. This course is taken in conjunction with a Methods in Teaching course, and is conducted under the supervision of a university supervisor. Students participate in a weekly seminar. Offered in spring only.

Prerequisites: ED3900 and (ED4742 or ED3820 or ED4230).

ED5910  Student Teaching in Middle School and Seminar, Grades (5-9) 12 cr.
This is the capstone student teaching experience for candidates seeking certification in middle childhood education in biology, chemistry, mathematics, and Spanish. This course provides an opportunity for candidates to apply knowledge and skills developed in coursework under the guidance of a university supervisor and cooperating teacher. This course is a full-time commitment, with half the semester spent at grades 5-6 and half at grades 7-9. Students participate in a weekly seminar.

Prerequisites: Completion of all course work and approval of program advisor.

ED5930  Observation, Practicum, and Seminar 4 cr.
Observation and Seminar is the first of two field experiences required of Childhood and Exceptional Education majors in their senior year. The course provides opportunities for students to observe and practice in a classroom and reflect upon the knowledge, skills, and dispositions needed to become effective teachers. Students are assigned to area for 100 hours. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. Offered every semester.

Prerequisites: Admission to SOE; ED3700, ED3900, ED4200; senior standing; approval of SOE faculty adviser. Corequisite: ED4120 or ED4220 or ED4740.

ED5940  Student Teaching and Seminar 12 cr.
ED5940B  Bilingual (Spanish)
Student Teaching and Senior Seminar is the final student teaching field experience required of Teacher Education majors. The course provides opportunity to refine and reflect upon the knowledge, skills, and attitudes needed to become effective elementary school teachers. Students are assigned to area schools and are required to student teach 5 days a week for 15 weeks in the alternate grade level (K-3 or 4-6) from ED5930. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. Offered every semester.

Prerequisites: Completion of all course work and approval of program advisor.

ED5960  Student Teaching in Elementary Education and Exceptional Education and Seminar 6 cr.
ED5960B  Bilingual (Spanish)
This is the first half of the final student teaching experience for students seeking dual certification as elementary and special education teachers. The course provides opportunities for students to refine and reflect upon the knowledge, skills, and attitudes needed to become effective elementary school teachers. Students are assigned to selected area schools and required to student teach 5 days a week for 8 weeks in the alternate grade level from ED5930 (K-3 or 4-6). Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. To be followed by ED5980.

Prerequisites: Completion of all course work and approval of program advisor. Corequisite: ED5960 or 5960B.

ED5980  Student Teaching in Exceptional Education and Seminar 6 cr.
ED5980B  Bilingual (Spanish)
This is the second half of the final student teaching experience to complete dual certification requirements as elementary and special education teachers. The experience entails continuous observation and supervised teaching with students in special education settings. Students will be placed in selected private and public schools and are required to student teach 5 days a week for 8 weeks in a special education class. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor.

Prerequisites: Completion of all course work and approval of program advisor. Corequisite: ED5960 or 5960B.
ENGLISH COURSES

Reading, Writing and Speech Courses

**EL1000  English Composition I: Exposition  4 cr.**

Designed to develop and refine students' ability to read, write and think critically. Selected essays will be read and studied as models of rhetorical style, enabling students to detect for themselves the effective use of language and to develop an appreciation for masterpieces of non fiction prose. Students will learn to develop the extended essay with particular attention to discovery and organization. Oral communication skills will be sharpened by directed discussion and by presentation and criticism of class papers. A grade of C or above is required to pass this course. Offered every semester.

**Prerequisite: EC I placement.**

**EL2001  Public Speaking  4 cr.**

Designed to give the student the poise and confidence necessary to think and speak freely before an audience. This course proceeds from audience analysis through motivation, supporting materials, organization, and delivery. Offered every semester.

**EL2022  Voice and Diction  4 cr.**

This course seeks to establish good habits of speech by study of principles and analysis of the individuals' voice, articulation, and pronunciation. Students will study the psychological and social bases of speech and phonetics and they will practice skills necessary for the development of voice pronunciation and diction. Offered every semester.

**EL2200  English Composition II: Argumentation/Literary Perspectives  4 cr.**

This multiple option course is designed to enable students to formulate and express independent ideas in writing and to develop essay length interpretations based on course readings in literary texts. Close textual analysis of assigned readings and student-centered discussions of peer and professional writings help refine reading, listening and speaking abilities. Each course stresses training in quotation, citation, and research methods. Two or three short interpretations and a research paper are required. Each EL2200 course focuses on a different literary theme, type of literature, literary form, or literature of a particular geographical area.

**EL2203 – EL2248, DESCRIBED BELOW, SATISFY THE ENGLISH COMPOSITION II REQUIREMENT. A grade of C or above is required to pass these courses.**

**EL2203  Shakespeare: Three Plays  4 cr.**

This course examines Shakespearian themes which have intense relevance to today's divided society: sexism, racism, anti-Semitism, colonialism, and gender fluidity. Texts will include such plays as Othello, The Winter's Tale, The Merchant of Venice, Twelfth Night, The Tempest, as well as some of the sonnets. Students are required to write a reading journal, analytical essays, and a research paper. Most writing is done outside of class. The course stresses training in quotation, citation, and research methods. Offered periodically.

**Prerequisite: EC II placement.**

**EL2205  Psychological Themes in Literature  4 cr.**

This section will explore a variety of psychological themes such as development and aging, family dynamics, addictions, neurosis and psychosis in literary works by a selection of writers from different cultures. Themes will also be considered from the perspective of relevant psychological literature. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered periodically.

**Prerequisite: EC II placement.**

**EL2206  Science Fiction Literature  4 cr.**

Science fiction literature and film are often used to imagine utopian and dystopian worlds. At its best, the genre of science fiction raises questions about what makes a good society, the nature of being human, the role of the outsider, the challenges technological advances present, and gender and sexual norms. The course will examine fiction by authors such as George Orwell, Harlan Ellison, Samuel Delaney, Ursula LeGuin, Philip K. Dick, and Octavia Butler as well as films such as Blade Runner and The Matrix. Students will develop their ability to read and think critically and to write summaries, critical analyses and a research paper based on the course material. The course stresses training in quotation, citation, and research methods. Offered periodically.

**Prerequisite: EC II placement.**

**EL2207  Contemporary American Fiction  4 cr.**

Students will read and analyze short fiction by authors who reflect the diversity of contemporary American fiction, such as Raymond Carver, Alice Walker, Sandra Cisneros, Junot Díaz, Jhumpa Lahiri, Maxine Hong Kingston, Tim O'Brien, and others. Analysis of the short story will acquaint students with literary form and structure. Biographical and historical factors will be examined as influences on content and form. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered periodically.

**Prerequisite: EC II placement.**
EL2208  Modern American Poetry 4 cr.
This lecture/discussion course will focus on trends and themes in modern American poetry in the context of the search for an American poetic voice. Poets range from Whitman to Walker and include Frost, Harper, Hughes, Komunyakaa, Sarton, Sexton, Wilbur, Wright, and others. Formal analysis and biographical factors are studied. Students will also become involved in “found poetry” and practice poetic forms. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered periodically.

EL2211  Africana Perspectives 4 cr.
Explores recurring themes and modes of expression in the Pan-African world, ranging from the role of the oral tradition in traditional African societies to African-American rebellion as expressed in contemporary writing and music. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered every year.

EL2215  Caribbean Literature 4 cr.
Students will study novels that describe young people growing up in different areas of the Caribbean. The course will explore issues particular to the Caribbean and will raise questions about the relationship of the self to social identity and responsibility. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered periodically.

EL2216  Multicultural Perspectives 4 cr.
Works from writers of various cultures enable students to develop an understanding and appreciation of cultural diversity. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered every year.

EL2217  Literature of Post-Colonialism and Rebellion 4 cr.
This course examines literary responses to colonialism, imperialism, and globalization in the modern world, including both glorification of war and domination and rebellion against them. The course stresses close reading of literature, understanding literary themes and techniques, reading in historical context, and training in quotation, citation, and research methods. Two or three short interpretations and a research paper are required. Offered periodically.

EL2218  The Short Story 4 cr.
A variety of short stories will be studied for theme and structure and other elements of fiction. Emphasis on the development of the short story in the context of literary movements, such as realism, naturalism, impressionism. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered periodically.

EL2219  International Short Stories 4 cr.
Students will read a variety of short stories by authors from around the world, including Russia, Kenya, Brazil, India, and Japan. Emphasis on character and culture, as shaped by social factors. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered every year.

EL2221  Adolescent Literature 4 cr.
Traces the patterns and problems of growing up in America and forming an identity in the context of family influence and social pressures. Authors include Twain, Salinger, McCullers, Baldwin, Marshall, Potak, Walker. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered every semester.

EL2222  Women's Voices 4 cr.
This lecture/discussion course focuses on developing students’ abilities to understand, analyze, and write about literature by women writers. Texts studied include essays, poems, stories, and novels by Emily Bronte, Emily Dickinson, Virginia Woolf, Flannery O’Connor, Gwendolyn Brooks, Toni Morrison, Alice Walker, June Jordan, and Maxine Hong Kingston. Students are required to write a reading journal, analytical essays, and a research paper. The course stresses training in quotation, citation, and research methods. Most writing is done outside of class. Offered every semester.

EL2223  Masterpieces of World Literature 4 cr.
Literary masterpieces reflect the values, aspirations, and conflicts of their cultures. This course focuses on selected modern masterworks from the Caribbean, the United States, Latin America and Africa. Authors may include Chinua Achebe, Toni Morrison, V.S. Naipaul, Pablo Neruda, Mario Vargas Llosa, Derek Walcott, and others. We will focus on close reading of literature, interpreting themes, understanding literary techniques, and training in quotation, citation, and research methods. Two or three short interpretations and a research paper are required. Offered every semester.
EL2224  Autobiography  4 cr.
This course deals with autobiography as a form of personal expression. It explores a major compulsion among writers to look back on their growth and examines the need to communicate the historic vision to the next generation. The interaction between the inner and the outer world, between the quest for personal freedom and the demands for social conformity provides for a vigorous examination of the process of individual growth. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered each year.
Prerequisite: EC II placement.

EL2233  Environmental Literature  4 cr.
This lecture/discussion course focuses on developing students’ abilities to understand, analyze, and write about the literature of natural scientists and other acclaimed authors. Included are works by Lewis Thomas, Henry David Thoreau, Carl Sagan, Paul Theroux, Isaac Asimov, and Rachel Carson. Interpretive essays and a research paper are required. The course stresses training in quotation, citation, and research methods. Offered Periodically.
Prerequisite: EC II placement.

EL2248  The Lyric: The Poetry of Emotion  4 cr.
Known as the poetry of emotion, the lyric has been an important vehicle of expression for poets from ancient to present day cultures. The course explores lyrics from a cross-cultural perspective, focusing on the methods poets have employed in order to convey the private, emotional lives of their speakers to the “public,” their audience of readers. Poets include Sappho, Shakespeare, Keats, Cullen, Brooks, and Gunn Allen. In addition to studying the lyric, students will read and evaluate critical articles as well as compose reading journals and documented essays in response to the texts. The course stresses training in quotation, citation, and research methods. Offered every year.
Prerequisite: EC II placement.

EL2800  Practical Grammar and Usage  4 cr.
This course provides a bridge between the English Composition II courses that fulfill the Basic Education domain of the General Education Program and the more demanding courses in Grammar and Composition at the 3000 level. The course will build students’ writing skills by focusing on the grammatical rules and conventions demanded in formal written English. The study of grammar will be reinforced by exercises and writing assignments designed to give students the accuracy and confidence they need to write clearly and analytically. Offered periodically.
Prerequisite: EMS.

ESOL Courses

EL1198  ESOL Tutorial  6 cr.
Designed to refine English language skills the non-native speaker has already acquired. Basic grammatical forms are not directly taught but are reviewed in the context of specific writing activities. Emphasis is on the construction and revision of paragraphs and short compositions. Reading skills are strengthened through vocabulary expansion and exercises in comprehension, summarizing and outlining. This class is followed by ESOL IV. A grade of C or above is required to pass this course. Offered every semester.
Prerequisite: ESOL III. Corequisite: EL2022.

EL1298  ESOL IV English Composition for ESOL Students  4 cr.
Selected essays and fiction are studied not only to refine critical reading skills but also as examples of various rhetorical styles. Students learn to write effective expository and persuasive essays with emphasis on unity, coherence and development of a clear thesis. Followed by English Composition I. A grade of C or above is required to pass this course. Offered every semester.
Prerequisite: Successful completion of EL1198 or by an ESOL instructor.

Courses for the English Major and Electives

EL2310  Introduction to Literature  4 cr.
This course is aimed at developing students’ personal responses to literature. The focus will be on specific literary genres such as poetry, drama, novel, short story, and non fiction prose. The readings will cover a variety of periods and cultures. Offered every semester.
Prerequisite: EC II.

EL3010  Structure and Grammar of English  4 cr.
This course places formal English grammar in the context of the structure and development of the language. Devoting significant attention to the evolution of English and its overall structure, the course also offers intensive study of standard grammar, aimed at both Literature and Teaching students. Students study parts of speech, parts of the sentence, verb and pronoun forms and agreement, and the uses of phrases and clauses within sentences, and they learn to identify these in their writing and the writings of others. Offered every semester.
Prerequisite: EMS.
EL3100  Oral Interpretation and the Oral Tradition  
4 cr.
Linking the rise of rap to the oral tradition out of which formal literature arises, this course looks at oral literature from a variety of cultures and engages students in techniques of oral interpretation, paying special attention to the cultural contexts of language, voice, and gesture. Offered periodically.

Prerequisite: EMS.

EL3200  Peer Mentoring Tutorial  
4 cr.
Students enrolled in Peer Mentoring Tutorial will work under the supervision of a faculty mentor and will, in turn, serve as mentor to selected students. Following an orientation seminar, student mentors will regularly attend an assigned class, assist students in and outside the class with papers, homework, course material, as well as serving as peer advisor. Student mentors will keep records of meetings with mentees, submitting written reports at regular intervals on each mentee. Mandatory attendance at scheduled Peer Mentoring Tutorial. Term report required. Offered every semester.

Prerequisites: B average, recommendation of faculty.

EL3500  Literature Across Cultures I: Analysis  
4 cr.
This course explores representative works of U.S. and international literature that find their roots in the world’s multiplicity of cultures. The course emphasizes multiple strands and traditions both within world literary culture and within the literary cultures of the United States and other nations. Readings and discussions focus on the dominant themes in fiction, poetry, drama, and essays by writers of distinct national and ethnic identities, genders, and sexual orientations. The course also includes studies of writings about multicultural contributions to literature. Offered every semester.

Prerequisite: EMS.

EL3510  Literature Across Cultures II: Theory  
4 cr.
This course encourages diverse responses to important works of British-U.S. and World Literature. It fosters the skills of close reading and develops the confidence necessary for independent interpretation of literary texts. While studying each text, students read critical articles about them reflecting the approaches of “new criticism,” biographical and psychoanalytic criticism, new historicism, feminism, queer theory, and other current methodologies. Small group discussions of study questions, oral reports, and writing assignments encourage students to read the texts specifically and respond to them independently. Offered every semester.

Prerequisite: EMS.

EL3560  Literatures of Europe, Part I: Old Testament and Homer to the Renaissance  
4 cr.
(See course description for EL3561.)

EL3561  Literatures of Europe, Part II: Age of Enlightenment to the Twentieth Century  
4 cr.
A broad survey of the literary tradition of Europe and its diaspora. Selections will vary by semester, but recently the courses included works by Homer, Sophocles, Dante, Molière, Montaigne, Tolstoy, Ibsen, Kafka, and Camus. It is recommended that students take these two courses sequentially. Offered annually.

Prerequisite: EMS.

EL3600  U.S. Literature I—Colonial Period to Civil War  
4 cr.
Poetry, fiction, essay, and memoir from the colonial period to the U.S. Civil War. Examines significant works representative of Puritanism, the Enlightenment, Romanticism, the “American Renaissance,” Transcendentalism, the voices of Native Americans and women, and the literature of Abolitionism as examples of a developing literary nationalism and as expressions of a multicultural society’s development and struggles. Authors may include William Bradford, Anne Bradstreet, Benjamin Franklin, Phillis Wheatley, James Fenimore Cooper, Richard Allen, Edgar Allen Poe, Nathaniel Hawthorne, Herman Melville, Ralph Waldo Emerson, Frances E.W. Harper, Frederick Douglass, John G. Whittier, Walt Whitman, William Wells Brown, and others. Offered every Fall.

Prerequisite: EMS.

EL3610  U.S. Literature II—Civil War to the Present  
4 cr.
Poetry, fiction, drama, essay, and memoir from the U.S. Civil War to the present. Examines significant works representing realism, naturalism, modernism, and postmodernism in literary technique and responding to the evolution and tensions of a multicultural society, including the labor, immigration, civil rights, feminist, and lesbian-gay experiences. Authors may include Mark Twain, Emily Dickinson, Henry James, Charles Chesnutt, W.E.B. Du Bois, Sui Sin Far, Willa Cather, Edith Wharton, Langston Hughes, Zora Neale Hurston, Ernest Hemingway, William Faulkner, Richard Wright, Tennessee Williams, Ralph Ellison, Gary Soto, August Wilson, Oscar Hijuelos, Louise Erdrich, Toni Morrison, Audre Lorde, Thom Gunn, and others. Offered every Spring.

Prerequisite: EMS.

EL3700  Survey of World Literature  
4 cr.
A study of representative works of world literature from Antiquity to the Modern. The course emphasizes the study and consideration of the literary, cultural, and human significance of selected masterpieces of the Western and non-Western literary traditions. An important objective of the course is to promote an understanding of the literary works in their cultural/historical context and of the enduring human values which unite the different literary traditions of the world. This course complements EL3560–61, Literatures of Europe Parts I and II, and so focuses largely on literatures of the non-Western world. Offered periodically.

Prerequisite: EMS.
EL3800  English Literature I: Beowulf to 18th Century, inclusive of Shakespeare  4 cr.
A survey course examining the works of major English writers from the Anglo-Saxon period through the 18th century, including the Beowulf poet, Chaucer, Shakespeare, Milton, and Swift. Attention paid to their influence on later writers. Offered every Fall.

EL3810  English Literature II: Romantics to Present  4 cr.
A survey course studying major English writers of the 19th and 20th centuries from the romantic and Victorian periods to contemporary times. Among the writers examined will be Wordsworth, Keats, G. Eliot, R. Browning, Joyce, Shaw, and Yeats. Attention paid to their influence on later writers. Offered every Spring.

EL3811  Survey of African-American Literature  4 cr.
African-American Literature from its 18th century beginnings through the struggle against slavery (1800-1860), the Civil War, Reconstruction and Reaction (1861-1915), the protest and civil rights eras (1920s-1970s), and the post-civil rights period (1980s to the present). Different offerings may focus on one or more of these periods. Offered periodically.

EL3865  Literature of Asia  4 cr.
This course focuses on the reading and discussion of a number of literary masterpieces, both traditional and contemporary, drawn from the cultures of China, Japan, and India. The range of works presented will provide foundation for considering the influence of history and religion on literature, as well as the ways in which literature shapes culture. Offered annually.

EL3870  Literatures of Africa  4 cr.
Presents a series of masterworks from African literature and its diaspora against the background of traditional culture, social values, and historical experience. The techniques used by African wordsmiths to evoke their society are examined, beginning with traditional epic oral literature and finishing with the sophisticated works of some of the world's finest writers. Works by Soyinka, Fugard, Césaire, Achebe, Senghor and others. Offered annually.

EL3875  Chinese Literature  4 cr.
A broad survey course in translation of some of the best known works of Chinese literature from classical times to the present, including the Cultural Revolution. Students will read poetry, drama and excerpts from novels, including Dream of the Red Mansion and Journey to the West. Films will be used to provide historical and cultural context. Offered periodically.

EL3880/ML3480 Masterpieces of Hispanic Literature  4 cr.
Selections of outstanding literary works of Spain and Latin America from the picaresque novel to the present. Study includes major writers: Cervantes, Lorca, Unamuno, García Márquez, and others. Given in English. Offered periodically.

EL3901  Introduction to Creative Writing  4 cr.
Workshop to help imaginative students get their thoughts on paper. Assignments are short and personal, designed to break through "writing block" and uncover talent that might otherwise be neglected. Attention is given to literary forms and terminology. Offered each semester.

EL4000  Native American Literature  4 cr.
This course explores Native American literary styles such as autobiography and as-told-to narrative from oral traditions as well as contemporary genres: poetry, short fiction, the novel and drama. Special emphasis on structural and thematic elements provides students with an understanding of the Native American world view. Offered every year.

EL4010  The Harlem Renaissance  4 cr.
The Harlem Renaissance of the 1920's decade produced an unprecedented outpouring of artistic works in the literary, visual, and musical arts. From lectures, close textual analysis of assigned readings, student-centered discussions, and oral reports, the class will become familiar with major themes and key writings of Harlem Renaissance authors. Attention will be paid to the struggles of the "New Negro Woman" in her attempt to find a voice during the period. Offered every year.

EL4020  Asian American Literature  4 cr.
This course examines memoirs, stories, novels, essays, poems, dramas, and films from the 1890s to the 1990s, by Americans of diverse Asian descent, such as Sui Sin Far, Younghill Kang, Carlos Bulosan, Maxine Hong Kingston, John Okada, Hisaye Yamamoto, Amy Tan, Chang-Rae Lee, and Bharati Mukherjee. Attention will be paid to the historic, biographical, and cultural contexts of each text as well as the
aesthetic and literary aspects of its style, language, and structure. Offered periodically.

**EL4030 Women and Narrative**

4 cr.

This course examines novels, stories, letters, journals, poems, essays, and autobiographies by such women as Dorothy Wordsworth, Emily Dickinson, Charlotte Forten, Virginia Woolf, Nella Larsen, Alice Walker, Gloria Anzaldua, and Maxine Hong Kingston. Each student will select the work of one writer for a research paper. Offered every year.

Prerequisite: EMS.

**EL4040 Black Women Writers**

4 cr.

African-American Women Writers introduces students to the themes of social justice that are specific to this literary tradition. The course alternates between reading primary texts and providing the needed historical backdrop. Of the many ideas to be covered a few will be: love, the claiming of one's body, the dual oppression of being a woman and black and the tug-of-war of loyalty. The course may discuss nineteenth and twentieth century writers in comparative perspective, or may focus on recent major authors such as Toni Morrison, Alice Walker and Lorraine Hansberry as well as lesser known writers like Gayle Jones and Toni Cade Bambara. Offered periodically.

Prerequisite: EMS.

**EL4050 Lesbian and Gay Literature**

This course explores lesbian and gay writers' use of varying literary practices and genres—such as comedy of manners, cross-writing, biomythography, historical fiction, the novel, and poetry—to express characteristic themes: the closet and its codes, coming out, “camp,” shame/pride, reclaiming the past, gender identity, bisexuality, transgenderism, and AIDS. Writers include Oscar Wilde, James Baldwin, Audre Lorde, Adrienne Rich, Leslie Feinberg, Allen Barnett, Isabel Miller, Walt Whitman, Essex Hemphill, and Pat Parker. Offered every year.

Prerequisite: EMS.

**EL4060 Literature of Class and Class Consciousness**

4 cr.

Class represents a largely unacknowledged “culture” coexisting and interacting with others such as ethnic cultures, women’s experience, and lesbian/gay culture. This course looks at fiction, poetry, and drama about class and class conflict, primarily by writers from working-class backgrounds. Examining class and class consciousness, and the interaction of class and race in the U.S., we will explore how literature has been a medium for members of oppressed groups to voice their experiences, world views, and demands, and also for members of more privileged groups to respond to social change. Offered periodically.

Prerequisite: EMS.

**EL4070 Topics in African American Literature**

4 cr.

This course will give an in-depth look at a particular period or genre of African American literature. Topics are offered on a rotating basis. They may include African American Literature 1860-1920; African American Women Writers since the Harlem Renaissance; the “Social Realist” School (for example, Wright, Petry, Killens, Himes); the Black Arts Movement; and others. Offered every two years.

Prerequisite: EMS.

**EL4080 Extraordinary Bodies: Disability in Literature**

4 cr.

This course will examine how the depiction of bodily difference in literature leads to crucial questions about normative experience, language, and identity. The course will study the representation of extraordinary bodies in several literary genres autobiography, poetry, fiction, and drama. While some attention will be given to constructions of disability throughout literary history, the particular focus will be on more recent texts written by writers with disabilities who take up the project of identifying themselves outside of “ablist” terms. Offered every year.

Prerequisite: EMS.

**EL4090 The Afro-American Novel**

4 cr.

The exploration of the socio-cultural forces shaping the African-American novel from its earliest antecedents through Wright and Baldwin to its contemporary efflorescence in the works of Toni Morrison, Charles Johnson, Edward P. Jones, and others. Some cross-cultural comparison with African and Caribbean novelists will be made. Titles may vary from semester to semester. Offered annually.

Prerequisite: EMS.

**EL4091 Afro-American Poetry and Plays**

4 cr.

Beginning with the work of Phillis Wheatley in the 18th century, this course explores the dominant motifs in African-American poetry, with special focus on the work of Langston Hughes and Gwendolyn Brooks. The second half of the course is devoted to a survey of African-American drama during the Harlem Renaissance, and culminates in an in-depth analysis of the work of Amiri Baraka, Charles Fuller and August Wilson. Offered periodically.

Prerequisite: EMS.

**EL4100 English Internship**

4 cr.

Designed to provide majors with grounding in their careers, English Internships are available in a number of specializations, where students work with successful mentors at work sites: Legal Internships in courts and law firms, Publishing Internships in publishing houses, and Cultural Internships in cultural institutions. Offered periodically.

Prerequisites: EMS, and approval of Chair.
EL4120 Internship in Peer Tutoring in Language Arts  4 cr.
The internship in peer tutoring deals with the methodology and content of peer tutoring in language arts. Units include communication skills for language arts tutoring, the tutoring cycle, record-keeping, referrals, evaluating writing, the use of computers in tutoring, small group tutoring, long-range and short-range goals, resources for language arts tutoring. As part of the internship, students must spend six hours weekly in the Writing Center. Offered every semester.

EL4130 Language and Communications Skills for Educators: Issues and Applications  4 cr.
This course deals with contemporary issues of importance to those contemplating a profession in the field of education. It places special emphasis on improvement of reading, writing, and listening skills, making use of timely professional journal articles as a text. Topics include Writing Across the Curriculum, Standards and Assessment, Classroom Management and Initiation into Professional Life. Reading and discussion of the articles, analysis of grammatical structure, the development of writing skills for the classroom and for achieving success on State exams, and improvement of public speaking to be a successful public educator will be stressed. This course may be required as a condition of satisfying the writing entrance requirement in the School of Education. Offered every year.

EL4200 Biblical/Classical Influences on Multicultural Literature  4 cr.
The Jewish-Christian Bible, Greek epic and drama, and classics such as Dante’s Divine Comedy have profoundly influenced European-American literature, including U.S./British multicultural writers. This course examines how these classics shaped later culture through the glorification and criticism of war, male supremacy, and slavery, through ideas of fate, individual and universal salvation, etc. Readings may include selections from the King James version of the Bible, Homer, Aeschylus and/or Sophocles, Dante, as well as later novels, short stories, poetry, and plays. Particular attention will be given to Biblical and Classical texts as literary sources, fonts of allusions, pre-texts, and archetypes. Offered every year.

EL4300 Twentieth-Century Literature: Colonialism and Post Colonialism  4 cr.
This course explores selected works of US and British literature in the context of the twentieth-century history of imperialism, colonialism, and post colonialism. We shall read writing from the first half of the century by such authors as W.B. Yeats, Gertrude Stein, Wilfred Owen, Ernest Hemingway, and Sylvia Townsend Warner and its development and critique in works by Zora Neale Hurston, Samuel Beckett, Tim O’Brien, Toni Morrison, Jhumpa Lahiri, and Zadie Smith. Offered every year.

EL4311 Greek Drama  4 cr.
The art of drama is one of the legacies of Greece to Western culture. In this course, the development of Greek tragedy and comedy is discussed; plays by Aeschylus, Sophocles, Euripides, and Aristophanes are read as well as 20th century dramas based on these 5th century works. Some attention is also given to the criticism of Greek tragedy by Plato and Aristotle. Offered periodically.

EL4312 Greek Mythology  4 cr.
This course aims to introduce students of widely differing backgrounds and academic preparation to Greek mythology. In addition to Homer’s Odyssey which is read in its entirety, students read Hesiod’s Theogony and other original source materials. The acquisition of knowledge of the myths paves the way for discussion of the following topics, among others: psychoanalytic and other interpretations of Greek myth, recurrent themes in myth, the relationship between myth and folktale, the transformation of myth by writers and artists, and the role of myth in a scientific and technological society. Offered every semester.

EL4325 Shakespeare: Selected Plays  4 cr.
Selected plays by Shakespeare will be read and examined critically and analytically through discussion of these works and of the historical context of the Elizabethan theater and world view. The focus will also be on the richness and variety of Shakespearean language and thought. Study includes close reading of some well-known Shakespearean tragedies and comedies as well as viewing of plays on film. Offered every year.

EL4400 Critical Theory  4 cr.
Critical theory is perhaps the fastest-growing field of English study since 1980: students entering graduate programs in English now need to have knowledge of the subject. This course will include such classical theorists as Plato and Aristotle but will focus mainly on twentieth-century theory, from the “new” criticism of the 1950s through structuralism, deconstructionism, new historicism, and feminist historicism to current postcolonialist and queer theory. Offered every year.

EL4402 Sin and Sexuality in Literature  4 cr.
Western civilization has often treated sin and sexuality as synonymous. Through selected readings in Western literature, the course will examine whether the attitudes toward sexuality have changed over the centuries. Readings from some non-Western traditions also will
be included to provide different perspectives from the classical period to the twentieth century. Offered once every two years.

Prerequisite: EMS.

EL4405 Caribbean Literature 4 cr.
Literature of the Anglophone Caribbean, from oral song and James’ Minty Alley to Naipaul, Walcott, and writers of the Caribbean diaspora. The complexities of the relationship between colonizer and colonized, the transformation of that relationship by “the unmasking of imperial fictions,” and the evolution of new forms of discourse will govern the selection of texts. Offered periodically.

Prerequisite: EMS.

EL4500 Topics in British/U.S. Literature 4 cr.
This course gives in-depth knowledge of particular periods and genres of literature; topics are offered on a rotating basis. They may include nineteenth-century British fiction; periods and genres in U.S literature; seventeenth- and eighteenth-century British literature; women writers 1760-1840, and others. Offered periodically.

Prerequisite: EMS.

EL4510 Modern Drama and Theater 4 cr.
This course will involve reading and viewing critically and analytically plays dealing with important themes and political issues from the late nineteenth century to today. Students will learn to see the theater as a social institution, a form of communication, a means of consciousness-raising, and a site for artistic innovation. Plays may include works by Henrik Ibsen, G.B. Shaw, Eugene O’Neill, Eugene Ionesco, Tennessee Williams, Arthur Miller, Lorraine Hansberry, Edward Albee, Amiri Baraka, August Wilson, David Henry Hwang, Tony Kushner and Anna Deveare Smith. Class will likely take at least one trip into Manhattan to see a live performance. Offered periodically.

Prerequisite: EMS.

EL4520 Reading and Writing the Short Story 4 cr.
This course is almost equally divided between interpretive analysis of short stories and a workshop approach to creative writing. In the first part of the semester, we read a variety of short stories, with a view toward extracting principles of characterization, description, and voice that can help students begin to create their own stories, guided by exercises. The second half combines readings of literature showing the historical development of the story and the tale with collaborative exercises in which students assist each other in critiquing and revising a complete short story. Offered periodically.

Prerequisite: EMS.

EL4540 Epic: East and West 4 cr.
A comparative understanding of the epic in its thematic, structural, and cultural aspects. Some of the major epics of India (Mahabharatha and Ramayana), as well as the Persian Book of Kings and Turkish oral epics, are studied in detail alongside the major epics of the Western tradition, the Iliad, Odyssey, and Aeneid. Offered periodically.

Prerequisite: EMS.

EL4550 Modern British Literature 1890 – 1960 4 cr.
Selected works of several writers in English such as Conrad, Shaw, Yeats, Joyce, Eliot, Lawrence, Woolf, O’Casey, and others, who greatly influenced the literature and the thought of the twentieth century. Offered periodically.

Prerequisite: EMS.

EL4560 Multicultural British Literature since 1960 4 cr.
Although the global British Empire came to an end in the twentieth century, the literature of Great Britain became increasingly diverse. Waves of immigrants from former parts of the empire, the anti-immigrant fervor of the 1970s-1980s and its backlash, the women’s rights movement, and the continued and often quite creative re-examination of the literary tradition set the stage for the emergence of a provocative body of works reflecting the multicultural nature of contemporary Britain. This course will examine works of poetry, drama, fiction and non-fiction that illustrate the diversity of British literature over the past fifty years. Course material may include works by Philip Larkin, Jean Rhys, Seamus Heaney, Salman Rushdie, Hanif Kureishi, Zadie Smith, Grace Nichols, Jeanette Winterson, Ian McEwan and Monica Ali. Offered periodically.

Prerequisite: EMS.

EL4600 Literature of India 4 cr.
Indian tradition regards literature as a way of knowledge as well as aesthetic experience. Through examples of the major epics, classical poetry and drama, the medieval devotional lyrics, and samples of modern Indian literature, this course aims at providing the students an opportunity to gain awareness of the values and attitudes that have shaped the culture of the Indian subcontinent. Offered periodically.

Prerequisite: EMS.

EL4620 Literature of the Middle East 4 cr.
This course introduces students to the rich and diverse literature of the Middle East and its place in world literature. For the purpose of this course, “The Middle East” is the historical heartland of Islam, where three languages converge: Arabic, Persian (“Farsi”), and Turkish. We will read, in English translation, works from each of these and some Israeli works. The course begins with the main types of pre-modern literature in the region: epic, romance, and heroic poetry, and selections from the Qur’an. The second half covers the modern
period, focusing on issues of gender and national identity. Offered periodically.

**EL/ML4630  Latin American Literature**

4 cr.

This course emphasizes key literary movements in Latin America since the conquest. We will examine pre-Columbian texts together with the description of the Americas by early European gaze. We will analyze the collision of cultures, the baroque, romanticism and independence, ideas of Civilization and Barbarism, modernism, the avant-garde and magical realism movements. We will study European and African influences on Latin America letters and how these influences evolved into a Latin American expression. Finally, we will analyze how Latin America became a leading authority in world literature. Offered periodically.

**Prerequisite:** EMS

**EL4640  French Literature**

4 cr.

This survey course is intended to serve as an introduction to French literature from the French classical age, in the 17th century, to the present time. Students will be guided through the reading and analysis of narrative fiction, plays and poems by major French writers so as to develop an understanding of the aesthetic and intellectual currents that have shaped French literature. Readings will be organized around thematic modules rather than in chronological order. Topics may include: representations of the self; stories of love and desire; the making of modernity; tradition and experimentation; social reflections; colonialism and post-colonialism, among others. Offered periodically.

**Prerequisite:** EMS

**EL4650  Literature of Russia and Eastern Europe**

4 cr.

This course is a sampling of the wonders of the Russian literary imagination, or, as Vladimir Nabokov might say, of its peculiar magic. No other literature has so influenced literature and thought in the rest of the world; perhaps no other national literature has produced so many world masterpieces in so short a time, the 185 years or so since Alexander Pushkin’s first publication. Russian literature is unique in its engagements with the social world, as Russia has gone through two centuries of political struggles and revolutions, but it also explores the privacy of the human heart and the giant questions of philosophy and religion. The course devotes roughly equal time to 19th and 20th century literature and, in most offerings, will include some literature from Russian-influenced countries in Eastern Europe. Offered periodically.

**Prerequisite:** EMS

**EL4660  Topics in African Literature**

4 cr.

Contemporary African literature encompasses a broad range of texts written in a variety of languages by authors of both genders whose relationship with Africa may vary from organic to conflicted. This imaginative discourse addresses the profound changes that have marked the African experience, drawing its spectacular dynamism and beauty from its engagement with both history and language. This course introduces students to a selection of major works in English (from all geographical regions and all literary genres) that are representative of 20th and 21st century African literary production. Historical and cultural issues necessary to decipher the texts will be discussed; however priority will be given to the rules of interpretation, and the analysis of form and aesthetics. Additionally, we will explore theoretical notions such as orality, Négritude, African feminism, and the postcolonial condition. Offered periodically.

**Prerequisite:** EMS

**EL4800  Major Authors**

4 cr.

This course examines the development of one or more authors, tracing key themes, influences, shifts and continuities, and aesthetic development in the context of cultural and political forces. Authors are selected on the basis of having made landmark contributions to the continuing development of literature. Recent offerings have included James Baldwin, William Blake, Ralph Ellison, William Faulkner, F. Scott Fitzgerald, Toni Morrison, William Shakespeare, Mary Shelley, and Mary Wollstonecraft, and others may be selected in the future. Offered every semester.

**Prerequisite:** EMS. Previous 3000 or 4000 level English courses strongly advised

**EL5000  Senior Seminar I: Methodology**

4 cr.

Autobiographical and biographical works focusing on intellectual development aid students in understanding issues of personal and career identity, the impact of literary study on the formation of self, and related topics. Classwork stresses research and documentation skills and participation in a seminar setting in which each student presents some independent research to the class. In preparation for the senior thesis, students compose their own intellectual autobiographies tracing their growth and development as English majors. Students must complete a senior thesis proposal to pass the course. Offered every Fall.

**Prerequisite:** Senior standing.

**EL5010  Senior Seminar II: Thesis Completion**

4 cr.

Under supervision of seminar director, students complete the senior thesis from sequential, critiqued drafts to finished manuscript. Students work intensively with a Thesis Director. Seminar sessions continue development of research and writing skills stressing the integration of research within the student’s own analysis and presentation. Sessions include collaborative readings of work in progress, peer review, oral reports, and presentation of senior thesis. Offered every Spring.

**Prerequisite:** Completion of EL5000.
All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

**CE2000 Community Engagement Field Placement**  
2 cr.

CE 2000 is the community engagement field placement that accompanies all General Education courses with a CE designation. Students in all CE General Education courses must enroll in the linked CE2000 section. Together these courses comprise Old Westbury's Community Engagement Program. Students in CE 2000 are assigned to college or community field placements for 4 hours a week, approximately 50 hours a semester. Placements are related to the course content of the General Education class to which the particular CE2000 section is linked. During the first two weeks of the semester students must go to the CEPC office in the First Year Experience (Room 313F and 313G Student Union) for their field placement assignments.

The Community Engagement Program challenges students to confront the big questions facing the world today by participating in and reflecting upon civic engagement activities. By engaging students, both personally and intellectually, at the very beginning of their academic journey in structured community-based learning activities and reflective projects, this course introduces students to Old Westbury's social justice mission and encourages their college and community involvement. The goal of this class is to encourage active learning, to promote intercultural understanding, and to build academic, interpersonal, organizational and leadership skills. Students work in groups fostering team-work, a respect for diversity and the development of friendships that bridge cultural boundaries.

The Community Engagement Program is mandated for all first-year students, and is the second semester of the year long First-Year Seminar requirement. It follows FY1000 The Ethics of Engagement: Educating Leaders for a Just World, which is the prerequisite. A few sophomores and juniors will be allowed to register for the program.

**FY1000 Ethics of Engagement**  
4 cr.

This course introduces students to academic and campus life at Old Westbury, emphasizing the themes of self-discovery, the meaning of a liberal education, the relationship of the individual to society and the nature of values and of personal and social responsibility. By situating the major intellectual and emotional challenges students confront in their first year of college within the framework of ethics, the course encourages students to evaluate their ideas and assumptions, and the impact of their decisions on themselves, their community and the world.

Organized around a series of ever-widening concentric circles, the course moves from a discussion of the role of ethics in individual life, to ethics in personal relationships, to ethics in the Old Westbury community and culminates in the quest for social justice and sustainability in the American and global context. In the process, students are challenged to consider multiple perspectives and to reflect upon their identities, values and aspirations within the larger common good. The course fosters critical thinking and the effective articulation of ideas by introducing students to the close reading of texts and the writing of substantive analytical essays that are the basis of most college learning. Students will also be expected to write weekly reflective journals and to produce a final project. FY1000 is “linked” to a General Education course in a Learning Community.

**FY3000 Undergraduate Teaching Assistant Seminar**  
4 cr.

This course trains students to be effective teaching assistants. Teaching assistants will regularly attend an assigned section of a First-Year Seminar course and work closely with the instructor of the course. Teaching assistants will also be required to attend a one-hour a week seminar with either the Director or Assistant Director of the First-Year Experience.

**FY4000 Advanced Undergraduate Teaching Assistant Seminar**  
4 cr.

This course allows students who have taken FY3000 to work more closely with students. They are able to provide mentoring, advising assistance as well as sharing their prior experience from the FY3000 students. Teaching assistants are required to meet with either the Director of Assistant Director of the First-Year Experience for a one-hour a week seminar.

Prerequisite: FY1000 and permission of the First-Year Experience Program
HEALTH AND SOCIETY COURSES

All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student needs.

**HS3200 Nutrition and Society 4 cr.**
Lecture/discussion course presents fundamental principles of nutrition and analyzes some social forces that affect Americans’ nutritional status. Includes detailed study of the various nutrients updated with analyses of significant scientific research. Emphasizes relationship between dietary intake and common diseases. Includes practical considerations to help students become more astute consumers. Offered as needed.

Prerequisite: EC II.

**HS3600 Introduction to Health and Society 4 cr.**
Introduces students to the public health perspective on health, also called the social determinants of health, which includes a detailed examination of social class, racism, gender, community environment, employment, social relationships, nutrition and the American food system, and individual lifestyle choices as well as access to health care. Students learn about numerous American institutions, and examine critically how individuals’ location in American society shapes their health status. They also learn to locate individual health behavior within its social context.

Prerequisite: EC II.

**HS3610 Introduction to the U.S. Health Care System 4 cr.**
Utilizing both social science and public health methodologies, students will undertake a critical examination of the U.S. health care system: its rise and history, the development of medicine, the allied health professions, and the health workforce; the current structure of the health care system, the role of government. Public and private institutional alternative models of health and health care are examined, as are health care financing and access to health care.

Prerequisite: EC II.

Note: HS3600 is NOT a prerequisite for HS3610.

**HS4450 Sex in Humans 4 cr.**
Provides a detailed explication of the anatomy and physiology of human sexuality and reproduction. Also included is an exploration of such issues as sexually-transmitted diseases, pregnancy and birth, contraception and abortion. Students learn to examine the biological issues in the social context of the meaning of sexuality in modern American society, and the use and misuse of sexual messages by major American institutions, including the media.

Prerequisite: EMS.

**HS4491 Human Ecology 4 cr.**
Examines adaptation of human populations to their environment. Includes: biological and cultural evolution; human diversity; population growth and regulation; the limiting resources of the environment; the ecology of disease; urban ecology and planning.

Prerequisites: BS2400-BS2410 or BS2100; EMS; permission of instructor.

**HS4600 Health Promotion 4 cr.**
Combination of educational, motivational, organizational, political, and economic supports designed to facilitate behavioral and environmental changes that improve or protect health. Explores each aspect of the developing field of health promotion through lectures and discussions. Students gain understanding of the theoretical framework supporting health promotion strategies and the materials and methods available for facilitating individual, organizational, and societal change in health practices.

Prerequisite: EMS.

**HS4610 Women and Health 4 cr.**
A critical look at women’s health issues from the perspective of the women’s health movement; normal female reproductive anatomy and physiology; medical and alternative views of women’s health issues such as female sexuality; reproductive choices; women, AIDS and STDs; pregnancy, childbirth, and mothering; infertility; women, aging and menopause; breast cancer; women as health care providers; research in women’s health. Offered every spring.

Prerequisite: EMS.

**HS4631 Mental Health 4 cr.**
Discusses the distribution of mental health disorders in the population; the relationship between mental health and social organization; the history of community institutions in coping with mental health; alternative ways of working with mental health problems in the community.

Prerequisite: EMS.

**HS4650 Substance Use and Abuse 4 cr.**
Examines the psychological, physiological and sociological aspects of substance use and abuse in both legal and illegal contexts. Hypotheses on addictions and measures of law enforcement are examined both historically and internationally. Available treatment resources are reviewed. Offered once a year.

Prerequisite: EMS.
HS4661 Health Education 4 cr.
Designed to teach the basic techniques for determining the need for health education programs and the range of resources available for planning programs. Students analyze the methods and techniques employed in case studies of health education to evaluate the effectiveness of such programs.
Prerequisite: EMS.

HS4670 Biostatistics 4 cr.
Basic principles of statistics with emphasis on the analysis of vital statistics. Focuses on the application of statistical tools to health data, estimation, inference, hypothesis testing, T-test, chi-square, and analysis of variance. Offered every fall. Other statistics courses may be used to substitute for HS4670.
Prerequisites: MA0500; EMS.

HS4700 Medical Anthropology 4 cr.
Aims to provide a working knowledge of anthropological concepts of disease and illness. Through reading, class discussions, and films, students are encouraged to look beyond their cultural views of health and illness, using theoretical constructs from the social and behavioral sciences. Attention is paid to materials providing descriptions of non-Western disease and illness states, indigenous therapies and health practices. The theoretical implications of these cross-cultural studies for health care issues in the U.S. are considered.
Prerequisite: EMS.

HS4740 Gerontology: Long-Term Care 4 cr.
Basic introduction to the provision of health, social, and financial services to the frail elderly. In the first section of the course, recent changes in the demographic profile of the U.S. population are examined and the social, political, and economic consequences for historical emergence of nursing homes are examined; current financing and service delivery issues are explored. Alternative ways of caring for the frail and elderly are discussed.
Prerequisite: EMS.

HS4750 Aging and Social Policy 4 cr.
Examines history of social welfare programs concerned with the elderly in the U.S.; the organizations that have been significant in influencing social welfare policies on the elderly; participation of senior citizens in shaping such policies. Issues such as senior citizen housing, social security, and Medicare are examined in historical perspective. Case studies are used to highlight the ongoing experiences of the elderly and the impact of governmental policy on the daily lives of older people.
Prerequisite: EMS.

HS4760 Health Administration 4 cr.
Introduces basic management and planning concepts and the application of these concepts to the health field. Attention is paid to system-wide considerations, e.g., methods of health care regulation and cost containment, as well as to techniques and concepts used in managing health care organizations. Managerial and regulatory process are emphasized. Students are encouraged to relate organizational capabilities to the larger social, political, and economic environment.
Prerequisite: EMS.

HS4770 Occupational Health 4 cr.
Examines the legal, economic, and political foundations of occupational health activities in the U.S. The roles of government, unions, corporations, and research organizations are discussed. Students may review the scientific basis for the association of selected occupational exposures with disease. Special emphasis is placed on critical evaluations of the literature. Reviews occupational cancer and respiratory disease, and epidemiological approaches to chemical carcinogenesis.
Prerequisite: EMS.

HS4790 Health Policy 4 cr.
Identifies and analyzes the political forces acting in the health care sector and examines their relationship to the U.S. political scene. Debates over health policy are traced historically and related to major policy models in U.S. history. Special attention is paid to coalition building; the possibility of reform; the development of the idea that health care is a right; private influence on the functioning of public agencies; policy formation and government involvement in health care (administration, legislation, regulation, planning, financing, adjudication, research, and development).
Prerequisite: EMS.

HS4800 Epidemiology 4 cr.
Descriptive introduction to field. Considers etiologic factors, isolates and focuses on critical, physical, temporal, and demographic determinants of human diseases. The material draws on available clinical and epidemiological data to illustrate the importance of these variables on disease evolution. Offered every spring.
Prerequisites: HS4670; EMS.

HS4820 Health Law 4 cr.
Designed to give prospective health professionals an understanding of the terminology and concepts of health law. Attention focuses on the public health law, medical care law, and health facility law. Historical and contemporary issues are examined via case review readings.
and discussions. Issues include the right to health care, informed consent, malpractice, product liability, etc.

**HS4850 International Health**
4 cr.
International Health examines health problems, health status, public health policies and programs in the developing world and the role of global politics and economics in determining the health status of people worldwide. The health systems of a number of countries, e.g., Japan, Canada, and the United Kingdom are also examined.

**HS4890 Environmental Policy and Politics**
4 cr.
Focuses on the most important federal, environmental, state, and local laws. Defines roles that each level of government plays in regulating air, water, and solid waste pollution, and control of dangerous substances such as radioactive and hazardous wastes. Students become familiar with the history and function of such agencies as EPA, DEC, Department of Health, and the agencies involved in resource and land-use planning. The environmental impact statement process and the role of environmental organizations in the political policy-making process are examined.

**HS4900 Health and Society Field**
4 cr.
The student performs 90 hours of fieldwork in a community health agency, with prior approval of the instructor. Provides an opportunity for students to integrate classroom learning with practical work experience in assessing community health needs and effecting change in health care delivery systems. Students meet regularly to discuss their experiences, maintain a log of their field activities, and write a final paper describing the agency and summarizing their work. Offered every fall.

**HS4920 Health Seminar**
4 cr.
Advanced seminar for students who wish to pursue independent research on Long Island health issues. Guest speakers from health institutions and agencies.

**HS5900 Research Methods**
4 cr.
Designed to acquaint students with the basic principles and strategies involved in the design and application of community health surveys and of clinical and non-clinical experiments. Students learn the basics of proposal writing and design an original research project to be carried out in Senior Seminar. Offered every fall.

**HS5920 Senior Seminar**
4 cr.
Final research and writing seminar for Health and Society seniors, as a culmination of the student's work at the college. Students are expected to present their research findings formally to faculty and students. Offered every spring.

**HS9990 Independent Study**
4 cr.
Independent study is to be carried out under the supervision of a faculty member. It permits students to investigate areas that are not part of existing offerings. Open to students of upper-division standing only.

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**HISTORY AND PHILOSOPHY COURSES**

**Skills Recommendations**
Unless otherwise indicated, the following writing skills levels are levels for the designated course levels:

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<tr>
<th>Skills Level</th>
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<tr>
<td>EC I</td>
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<td>EC II</td>
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**HI1010 World Religions – West**
4 cr.
This course provides an introduction to the three major religions that share a common belief in the God of Abraham: Judaism, Christianity, and Islam. We will look at the history, beliefs, and practices of each religion separately, but also at the ways they have interacted. These interactions—sometimes peaceful and creative; sometimes violent—have been a major shaping force in Western civilization, from
the development and transmission of Greek philosophy through the Crusades, the Holocaust and the ongoing definition of “Western values.” Study of Judaism, Christianity, and Islam leads to a deepened understanding of principles of theology and ethics, as well as current issues in religious and community life.

**HI1020 World Religions – East**  
4 cr.
It is often said that what is needed in modern life is more “spirituality”—a balance of inward and outward awareness that is often associated with eastern religions. But what do these traditions really mean for people who practice them? This course provides an introduction to the major belief systems and practices of eastern and southern Asia: Hinduism, Buddhism, Confucianism, Taoism, and Shintoism. We will look at the evolution of each of these religions, considering the ways they have inspired individuals and shaped civilizations through cosmology, ritual, literature and art. We will also look at the ways that these traditions influence societies, including our own, that are far from the religions’ places of origin.

**HI1240 Comparative Cultures**  
4 cr.
This course will provide the student with a foundation for the study of cultures and current social issues from an anthropological perspective. Readings will include articles and, where appropriate, fiction, concerning such issues as gender, race, and class, as well as the tensions and opportunities facing traditional communities, such as tribal societies, in a changing world. Offered annually.

**HI2155 Introduction to Comparative Religion**  
4 cr.
Considers the nature and origin of religion, elements of religious practice and thought (symbol, myth, the sacred), ways of being religious, and religion as a basis of community. Methods of analysis include ethical, psychological, sociological, historical, and theological. Offered periodically.

**HI2200 Science in Western Civilization**  
4 cr.
A broad, introductory survey of the development of scientific ideas in the West from ancient times to the 20th century, with an emphasis on the major figures and ideas, and key turning points. The course will present selective social and intellectual contexts of science as well as the role of science in shaping Western thought. Offered annually.

**HI2250 Introduction to the Humanities**  
4 cr.
What does it mean to be human? What is our place in the scale of being? How have we confronted and how do we now confront the issues of life and death, justice and law, knowledge and truth? This course will deal with these and other basic problems of the human condition, although the particular approach will vary with instructor. Through the close reading of basic texts in the humanities, students will be introduced to some traditional and contemporary approaches to these questions and will have the opportunity to explore and express their own views on these issues. Offered annually.

**HI2350 Acting**  
4 cr.
The course will introduce acting as an intellectual and emotional process, giving each its due while at the same time respecting Theatre as Show Biz. We start with the premise that the foundation of acting comes from the spontaneous interaction of the actor with him or herself, other actors, the audience, and the script. Therefore, we will work with improvisation, games and then apply them to the script to enhance the script’s thematic intentions. We will examine scenes to understand their structure and the meaning and then build layers of emotion into them from the actor’s experience and the rehearsal experience. The course will culminate in a performance. Offered annually.

**HI2511 World History I: The Non-Western World**  
4 cr.
The first semester of a year long sequence in World History, this course surveys the history and culture of five regions of the world: the Middle East, sub-Saharan Africa, China, India and Japan. Our goal is to gain an understanding of each country’s/culture’s place in world history both in the past and in the present. To that end we will study maps and regional geographical features, survey crucial historical periods and events and study short selections from religion, philosophy and literature. In the last section of the course, student reports will focus our attention on each civilization’s unique contributions to the history of our world. Offered annually.

**HI2521 World History II: Western Civilization**  
4 cr.
This course will explore the origins, dynamics and development of Western Civilization. Emphasis will be given to the shaping of political, economic, social, religious, intellectual as well as cultural aspects from the dawn of the West to the Renaissance. In particular, the course will examine the civilizations of the Near East, Egypt, Greece, Rome, Byzantium as well as the making of feudal society and the rise of modernity in the West. Students will understand the heritage of the West and its connection with modern times. Offered annually.

**HI2681 Introduction to European History: 1350-Present**  
4 cr.
A systematic survey of European political, social, economic, cultural and intellectual history since the Renaissance. The course provides the student with the story of the origins, the pre-conditions, and the continuity of the “making” of the new Europe up to the present. Topics include the age of discovery, nation building, despotism, romanticism, nationalism, science and technology, ideologies and revolutions. An excellent basis for the further study of European history in upper-division courses. Offered annually.

**HI2700 Introduction to Logic**  
4 cr.
This course is designed to sharpen the student’s analytical abilities and powers of reasoning and argumentation. Topics will include types of argument, the structure of argument, how to recognize arguments that are emotionally persuasive but logically fallacious, and
the fundamentals of modern, symbolic logic which is the basis for computer languages. The course will stress the practical value of the principles taught and will relate class work to communication skills in general. Offered annually.  

Prerequisite: ECII.

HI2720  Introduction to Philosophy  
Serves as an introduction to the role of philosophy in human life. Philosophy will be examined in terms of both its analytical and speculative functions. Of concern will be the relation of philosophical insights to certain compelling contemporary issues. Some of the issues discussed will be the nature of knowledge and truth, the relation of values (both moral and aesthetic) to society, free will, and justice and society. Readings will be drawn from classical and contemporary philosophers. Offered every semester.

HI3011  Foundations of the Judeo-Christian Tradition  
Western civilization is often characterized as the dynamic interplay of two cultural traditions referred to in convenient shorthand as “Athens and Jerusalem.” This course will examine “Jerusalem”: the text, figures, themes, and ideas that have defined the Judeo-Christian tradition. The course will emphasize the reading of the Biblical text itself beginning with Genesis and ending with selections from the Pauline tradition. Offered annually.

HI3021  Europe in the Middle Ages  
Western values and institutions were formed in the medieval synthesis of Greek philosophy, Roman law, Hebrew/Christian religion, and Germanic folk culture. This course explores the cultural products of that synthesis in art, literature, and religion, and examines the roots of western attitudes toward race, class, nationalism, and war. Taught as social history, it emphasizes the economic and political context in which the cultural foundations of the modern West were forged. Offered annually.

HI3030  From God to the Machine: Europe from the Sixteenth to the Eighteenth Centuries  
A broad-based examination of the shift in world-views from the Renaissance to the Enlightenment. The transition will be followed in terms of philosophy, science, art, religion and selected works of literature. A major theme is the cultural and intellectual context of the Scientific Revolution. Offered annually.

HI3040  Analysis of Culture  
Exploration of the role of culture in shaping human action and experience. Various approaches to the explanation of culture are considered in the context of the development of social science. Students learn to interpret their own culture and other cultures as systems of knowledge and value. Especially important are the ways culture conditions the effects of social forces in daily life. Offered annually.

HI3080  Asian Cultures  
An introduction to the historical and cultural traditions of India, China and Japan. This course invites students to explore the major traditions, ideas, values and social systems that shaped the lives of the peoples of these three Asian countries in the past and that continue to do so today. Students are encouraged to explore their reactions to these unfamiliar ways of life while, at the same time, gaining the ability to view each civilization and culture from its own perspective. Offered annually.

HI3091  African Cultures  
An exploration of African civilization, concentrating on the systems of ideas, values, and institutions developed by Sub-Saharan peoples in the context of their historical experience. The unity and diversity of African cultures are related to the economic, political, and social forces operating upon them in relation to the contemporary search for African self-determination. Offered annually.

HI3102  Hispanic Heritage  
Taught in English. The Moorish (Muslim) invasion of the Iberian Peninsula in 711 AD, together with the growing presence of Jewish culture and religion in the Iberian Peninsula (Spain and Portugal), transformed the history and culture of the region in ways that are still visible today. Spain’s world-view, religion, artistic and intellectual expression, architecture, and most importantly its language, are a result of that cross-cultural evolution that started more than twelve centuries ago. This course will explore the pivotal role played by Spain in modern European history and culture. Topics, such as the Counter Reformation, the Inquisition, the “Golden Age,” the “merging of cultures” as a result of Spain’s conquest of the New World, and modern Imperialism will be studied and analyzed as part of the Western tradition. Offered every fall.

HI3110  Latin American Culture  
This history of the Latin American countries is studied from its origins through today. Topics explored include the Amerindian cultures, European conquest and colonialism, African slavery, revolution and independence, “caudillismo” and dictatorships. These topics will be studied through the use of maps, films and literature. Offered annually.
HI3130  The Black Church in America  4 cr.
This course examines the development of the Black Christian Church in its visible and "invisible institutional forms during the colonial period, and the merging of these two branches, free and slave, following the Civil War. Also the emergence of Holiness and Pentecostal sects, the impact of urban migrations on black spiritual expression, the Black church and civil rights, gender issues, and the recent challenge of Islam will be dealt with. Cross-listed with AS3130 The Black Church in America.

HI3200  Contemporary Religious Experience  4 cr.
This course introduces students to the major forms of religious worship and practice in the world today. Videos and field trips as well as readings will be used to develop insights into the distinctive features of worship in various branches of well-defined world religions—Christianity, Islam, Hinduism, and Buddhism—as well as less known or less defined paths such as Sikhism, Rastafarianism, and traditional Caribbean and North American traditions. In addition to exploring distinctions and influences, we will consider the nature of worshippers' experiences of their faiths. At least one semester of academic study of religion is recommended as a prerequisite for this course.

HI3323  Buddhism  4 cr.
This course offers an introduction to the historical, socio-cultural, and philosophical dimensions of Buddhism. It begins with the founding of the religion in India by Gautama Buddha and proceeds to trace its many philosophical trajectories and its multi-cultural history extending throughout Southern and Eastern Asia and beyond. The second half of the semester focuses on the Mahayana Buddhist tradition as a case study in the "attaining of enlightenment" by ordinary individuals, analyzing how this tradition has been shaped by historical and cultural forces as well as how it may apply to contemporary issues in our increasingly globalized world. Offered periodically.

HI3455  Modern European Revolutions  4 cr.
A comprehensive analysis of Europe's most dramatic revolutions that have fundamentally transformed modern life. The course will focus on England's Glorious Revolution, the French Revolution, the Revolutions of 1848, and the Paris Commune. The ideological and socio-economic background of each revolution will be examined in the context of Europe's larger cultural, social, and economic development. Offered every other year.

HI3525  Ancient Greek Philosophy  4 cr.
An historical introduction to the foundations of Western thought in Ancient Greece and Alexandria. The course focuses on the philosophies of the pre-Socratics, Plato, Aristotle, the Stoics, the Epicureans, and the Neoplatonists. Readings include short selections from the corpus of the Platonic dialogues, Aristotle, and Plotinus. Offered periodically.

HI3610  America's African Heritage  4 cr.
An examination of the role of Africans in the shaping of America's culture and society up to the present. An interdisciplinary study of the notion of cultural continuity, and of cultural carryovers as they have impacted upon language, music, art forms, religious worship, and political life. Offered periodically.

HI3640  African History  4 cr.
Approaches the history of Africa from the viewpoint of African people. Archaeological records, oral tradition and documentary sources bring ancient and medieval Africa to life. Later units will focus on important themes and debates in African history today. Students will come to understand African civilization in the context of who Africans are, the social forces that have shaped their experience, and the new directions and problems they face in the post-independence era. Offered annually.

HI3692  Modern Asian History  4 cr.
A survey of the historical, political, economic and social changes that re-shaped the Asian world from the mid-nineteenth century to the present day, with special emphasis on the countries of China and Japan. This course uses the award-winning film series "The Pacific Century" to introduce students to the central problems and issues facing Asia in the modern world. Offered annually.

HI3695  Modern Russia  4 cr.
A survey and analysis of Russia and the former Soviet Union, focusing on the economic, intellectual, social, and political changes from the founding of the Tsarist empire to the present. Lenin, Stalin, the Cold War and its aftermath will be discussed. Offered periodically.

HI3703  Modern Philosophy  4 cr.
This course will examine some of the major philosophers of the modern period. Readings will be drawn from thinkers including Descartes, Hume, Kant, Hegel, Marx, Kierkegaard, Nietzsche. The course will conclude with selected topics and issues in 20th Century thought. Offered periodically.

HI3704  African Religions and Philosophy  4 cr.
The view of the African cosmology and religion as a system of thought. Principles of what constitutes African philosophy and religion will be examined to analyze the effects on society and politics. The study includes animism, Christianity and Islam. Offered annually.

HI3710  Contemporary Philosophical Issues  4 cr.
This course provides a focused analysis of philosophical questions central to contemporary social and political debate. Topics will be drawn from such current issues as war and peace, terrorism and just war theory, human rights, the philosophy of race and gender; the
philosophy of law, the nature of social justice, and biomedical and professional ethics.
Offered periodically

HI3752  Ethics  4 cr.
What principles should guide my actions? Are moral values relative or absolute? What is the relationship between law and morality? Why should I be moral? The first part of the course will examine the answers to these questions in the works of such thinkers as Plato, Kant, Mill, and James. The second half of the semester will apply these traditional ethical views to contemporary issues such as human rights, the environment, abortion, euthanasia, and racial and sexual discrimination. Offered annually.

HI3835  Islamic Cultures  4 cr.
This course provides an introduction to Islam as a way of life, and its institutions, and culture. Beginning with the socio-economic background of pre-Islamic Arabia, we will explore the radically transforming message of the Quran and the personality of Muhammad as spiritual and political leader. Students will gain insight into the spread of Islam, as it developed from a regional faith into a force in world civilization, with emphasis on its emerging role in contemporary North American society. Offered annually.

HI3905  World Cinema  4 cr.
Film is arguably the predominant artistic medium in the world today. How this has occurred will be our focus as we examine both the historic and the artistic contexts of the cinema, giving special attention to the cross-cultural implications of each. Representative international films will be screened for study, evaluation and criticism. A selection will be drawn from representative cinemas from Britain, France, Germany, India, Italy, Japan, Latin America and Spain. Selections will vary. Offered periodically.

HI3907  African Film  4 cr.
This course will introduce students to major films directed by Africans and produced after independence in the early 1960s. The films reflect the African aspirations to create their own images on their own cultures and social changes. In a first phase, African cinema was primarily concerned with the threat of Western assimilation and the glorification of the liberation struggles. Then films began protesting state corruption, patriarchy and the violence of the present age. The new “post-engagement” African cinema encompasses a number of movies that are personal, fragmented testimonies on daily life. Offered periodically.

HI 3950  Philosophy of Religion  4 cr.
The course is an examination of religion and the logic of religious discourse. It explores formal, philosophical, and mystical types of theologies; epistemological ethics of revelation, sin, guilt, faith, and salvation; the concept of and arguments for the existence of God; paradigms of experiential religion, such as the encounter of the human being with the divine in Judaism, the experience of love in Christianity, the surrender as de-alienation in the Islamic Sufi vision, and the dialectics of dynamic interdependence expressed as yin-yang in Daoism. A consideration of psychological accounts of religion, challenges of naturalism, existential atheism, and philosophical analysis. Offered periodically.

HI3995  Career Internship for CH Majors
Internships are available (credit varies) for students in a range of public and private organizations. Recent sponsors have included a public television station, a social services agency, the United Nations, and a consulting firm. See the Chair for requirements and details about current possibilities.

HI4001  Nineteenth Century  4 cr.
The impact of European culture and imperialism on the peoples of India and Japan. Literary works of the period are used to highlight the changes reshaping Europe in the early nineteenth century, the encounters between Europeans and Asian peoples which accompanied the expansion of Europe and the attempts of Europeans and Asians to come to terms with these encounters. Readings include Dickens’ Hard Times, stories by Rudyard Kipling and Rabindranath Tagore, Botchan by Natsume Soseki. Offered each Fall.

HI4011  Twentieth Century  4 cr.
The mutual impact of cultures throughout the world; the end of nineteenth century colonialism; revolutions and wars; the emergence of the “third world.” Study of the interrelationship of European with Asian and African cultures in the twentieth century. Readings include novels from several cultures. Offered each spring.

HI4051  Logic and Scientific Reasoning  4 cr.
an introduction to scientific reasoning, including elementary logic, theory testing and decision-making. A practical course designed to help students read and interpret scientific findings, especially reports that appear in popular magazines and newspapers. More specific topics include probability, causal and statistical hypotheses, correlations, causation and sampling techniques. Although the course offers special benefits to students in the sciences and social sciences, no technical background is assumed. Offered periodically.

HI4062  Making History  4 cr.
Students will examine a variety of approaches to the study and writing of history. The course challenges the popular conceptions of history as a simple record of the past and of historians as the keepers of that record. The aim is to reveal the active role of the historian in the making of history and to show the uses of the past in the present and for the future. Offered periodically.

HI4306  Golden Age of Islam  4 cr.
This course focuses on the intellectual and cultural achievements of Islamic civilization, from Islam’s emergence to Arabia in the 7th century through the Mongol invasions in the 13th century. Topics include: the development of Islamic law, science, arts, philosophy; the
role of trade and the teachings of mysticism, and the rise of distinctive Persian and Turkish cultures in Islamic settings. The interactions of Islamic civilization with Byzantium and Europe, as well as Central Asia nomadic groups, will be discussed.

HI4308  **Islam in the Modern World**  4 cr.
In this interdisciplinary course, students will explore the convergence of ideas, ideologies, and forms that have shaped views of Islam by Muslims and non-Muslims from the 18th century until the present. By engaging with the writings by a variety of political and literary thinkers, students will work toward a better understanding of prominent movements and concerns during this period. Topics include Islamic fundamentalism (Wahhabism); Islamist reform movements leading to emergence from under colonial powers; the Iranian Revolution; Palestine and Israel; Muslim women and modernity; and the encounter between Muslims and secular culture in the US Europe, India, and elsewhere. Offered in alternate years.

HI4318  **Islamic Philosophy and Mysticism**  4 cr.
This course is an introduction to the history of Islamic philosophy and mysticism. It covers topics of human concern such as the ethical role of love and knowledge of the good life and human happiness. The course will compare Muslim and Western philosophers on topics such as “being,” philosophical analysis, and “process metaphysics.” The themes of the “clash of civilizations” vs. dialogue among cultures/ philosophical issues will be explored. Offered periodically.

HI4395  **Philosophy from the 20th to the 21st Century**  4 cr.
This course covers highlights of philosophy in the twentieth and twenty-first centuries. It begins with Modern European thought (British empiricism, continental rationalism) and its development in the nineteenth century (I. Kant and German Idealism); continues with early and later analytical philosophy; turns thereafter to existentialism, phenomenology, and pragmatism; and culminates in the philosophy of A. N. Whitehead. Readings include key selections from the works of Carnap, Sartre, Dewey, Heidegger, and the later works of Wittgenstein. Offered periodically.

HI4415  **Europe of the Dictators**  4 cr.
From 1918 through 1945, Europe was dominated by the appearance and aggression of totalitarian dictatorships. This course examines their roots in late 19th century culture, economics, and society, and in the catastrophe of World War I. It focuses on the Treaty of Versailles, the Russian Revolution and the consolidation of the Soviet State, the peace movement and international relations during the 1920s, the Depression, the rise of Fascism and Nazism, and World War II. Offered every other year.

HI4420  **Women and Witchcraft**  4 cr.
Witchcraft has generally been associated with women. The course examines the relationship between women and witchcraft in order to uncover the roots and assess the consequences of this association. It begins with a look at the anthropological record, focuses on the early modern witch persecutions, and concludes with an examination of the survival of witchcraft beliefs and their relationship to women in the present. Offered periodically.

HI4557  **Renaissance and Reformation in Europe**  4 cr.
The foundations of Modern Europe were laid in the two movements examined in this course. It begins with the revival of pagan classical culture in the commercial and urban milieu of Renaissance Italy, and traces the diffusion of the artistic and intellectual movement pioneered there to the rest of Europe. As Renaissance culture spread, it merged with existing traditions, and thereby contributed to the Reformation, a religious reform movement that transformed the Christian religion and convulsed Europe for more than a century. The course emphasizes the interconnections between Europe’s socio-economic development, its political upheavals, and its dramatic cultural achievements. Offered every other year.

HI4632  **Japanese History through Literature**  4 cr.
From Samurai to Businessmen: a survey of Japanese history and culture as seen in the literature of Japan from before the days of the Samurai warrior to the world of the modern business corporation. Special emphasis on aspects of Japanese culture that remain important today: the question of Japan as a country of cultural “imitators”; the relationship between the traditional importance of groups in Japanese society and Japan’s enormous industrial success; and the significance of the Japanese emphasis on skills of art and violence—once so admired in Samurai warriors and still highly valued today. Offered annually.

HI4650  **The History of African Enslavement**  4 cr.
The study of African slavery from pre-European contact until the present. Topics that will be covered are slavery as indigenous concepts, the Afro-Arab slave trade, the trans-Atlantic slave trade and modern 20th-century slavery. All will be viewed from social, economic and political perspectives. Offered periodically.

HI4800  **History of India**  4 cr.
Fat Maharajas atop bejeweled elephants, naked holy men sitting silently along the roadside, ragged children begging for scraps of food, maddened zealots attacking each other from caste hatred or religious fanaticism—these are the stark images that dominate American and Western ideas about India. But India’s 5,000-year history offers much more. From the intricacies of an ancient Sanskrit-based culture and the grandeur of Mughal tombs to the vibrancy of modern Bollywood films and the contending ethnic/religious identities of post-Independence India—India’s history tells the story of how diverse populations wove together their different ways of life to create the multi-dimensional tapestry that is India today. This one semester course explores the vibrant diversity of India’s past with an emphasis...
on its multiple legacies and the ways 20th and 21st century Indians have used these legacies to construct modern identities and a modern, democratic nation.

HI4900 Modern China – a Study Abroad Course on Chinese Civilization 4 cr.
Offered in conjunction with the faculty and staff of a university in China. Through lectures, trips, and everyday living experiences, this 4 week summer course will introduce students to all aspects of life in modern China—from its culture to its business community, from its political philosophy to the ideas of the men and women on its streets. Students will attend lectures and live at Wuyi University and work with Wuyi faculty and students. Day trips will allow students to explore cultural spots and cities in Guangdong Province and a special four day trip will take students to nearby Hong Kong and Macao. Offered for 4 weeks in May-June.

HI4905 Chinese Civilization 4 cr.
An introduction to one of the oldest civilizations of the world. This course will provide students with general knowledge of 5,000 years of Chinese history and peoples, cultures and traditions, languages and literatures, music and arts, as well as philosophies and beliefs. It will also introduce students to the impact of cultures on the establishment and development of the Chinese social, political and economic systems. Offered annually.

HI5000 Social Studies Senior Seminar 4 cr.
This course is the required capping course for Social Studies Adolescent Education majors. It focuses on the issue of global human rights. The first half of the course is conducted as a seminar in which students read both secondary and primary sources to explore the origins of the idea that all human beings possess certain fundamental rights and gain an understanding of the series of struggles by which this idea gradually became institutionalized in the modern world. During the second half of the course students define, research, and write a major research paper on some aspect of human rights, and they also complete a lesson plan related to their research topic. Offered annually.

HI5900 Senior Seminar 4 cr.
Designed for students earning degrees in Comparative Humanities or Philosophy and Religion, the Senior Seminar requires a major research paper on an approved topic that emerges from the major’s coursework. Offered each Spring.

INDUSTRIAL AND LABOR RELATIONS COURSES

All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

IR1501 Introduction to the World of Work 4 cr.
This survey course introduces students to the “world of work” in the United States and around the world through the written word, films, interviews, and field trips. Topics covered include: “What is work?”, occupational and employment trends, compensation, unemployment, child labor, segregation and inequality in the workplace, the impact of technology on the global division of labor, employee-management relations, labor unions and the future of work. Offered every other year.

Prerequisite: EC I.

IR2210 Unions and Management: An Introduction 4 cr.
Focusing on the current state of labor-management relations, this course introduces students to collective bargaining, labor and employment law, history of labor relations, labor union and management organizational structures, grievance handling and arbitration, and labor and management strategies. Required for all Industrial and Labor Relations majors. Offered each semester.

Prerequisite: EC II.

IR3120 History of American Labor Relations 4 cr.
This course follows the broad contours of American labor-management history, with an emphasis on the sources of growth and decline of the modern labor movement. Factors examined include: forms of employer and union organization, legal status of unions, immigration, race, gender, globalization, technology, politics, and ideology. Organizations surveyed include: Knights of Labor, Industrial Workers of the World, American Federation of Labor, Congress of Industrial Organizations, and the AFL-CIO. Offered every other year.

Prerequisites: Upper-division standing; IR2210 or permission of instructor.

IR3140 Unions and Public Policy 4 cr.
The global economy has pushed issues such as free trade vs. fair trade, international investment, distribution of income, health care policies, child and sweatshop labor, and the legal rights of labor unions onto center stage. This course examines union and employer
views and activities regarding these and other important public policy issues including minimum wage, unemployment insurance, worker compensation, and occupational safety and health. Offered every year.

**IR3260  Comparative Labor Relations**  
4 cr.  
Examines labor-management relations systems in selected countries. A comparative approach is used, drawing on the varied experiences of advanced and less developed countries. The course compares the goals and tactics adopted by labor movements and by employers in the face of varying legal systems, degrees of economic and social development, and economic pressures. Countries to be examined vary, but at least one is always “non-Western”, e.g., Asian or African. The United States is always used as a comparison country. Offered every other year.

**IR3300  Collective Bargaining and Grievance Procedures**  
4 cr.  
A study of the principles of modern collective bargaining; bargaining environments and structures; preparing bargaining demands; costing economic and non-economic issues; and resolving a collective bargaining impasse. Students will examine methods (strikes, boycotts, lockouts, res, lobbying, mediation, arbitration, etc.) of achieving collective bargaining goals; procedures (grievances and arbitration) for administering collectively bargained agreements. Content includes review of major labor legislation; procedures of national and state labor relations boards; roles of shop steward and line supervisor. Offered every year.

**IR3330  Women, Minorities and Work**  
4 cr.  
Women, minority workers, and part-time employees make up more than one-half of the labor force today. This course focuses on their historical relationships to the labor market and their positions today. It studies issues of race, gender and national origin as they impact on compensation and employment opportunities. Traces history of efforts to achieve equal treatment from employers and labor unions. Advantages of multi-cultural perspectives for employers. Offered every other year.

**IR3415  Labor Economics**  
4 cr.  
Develops different frameworks for understanding today’s labor markets, ranging from market-based to institutionalist theories. Includes analysis of current trends, major factors affecting the labor supply (e.g., immigration, women workers, unions) and the demand for labor (e.g., automation, investment policies, business cycle, productivity). Offered every year.

**IR3500  Arbitration and Mediation**  
4 cr.  
This course studies the function of arbitration in the field of labor-management relations, including an analysis of principles and practices, the law of arbitration, the handling of materials in briefs and oral presentations, the conduct of an arbitration hearing, and the preparation of an arbitration opinion and award. Students also study the use of mediation in resolving contract grievances. Offered every other year.

**IR3860  Development of the Modern Corporation**  
4 cr.  
The modern corporation viewed as the dominant institution of the 21st century. Major areas of study include: historical development; multinationals and conglomerates in today’s global economy; political and economic power; private planning; labor relations. Offered every other year.

**IR4200  Strategic Research for Labor Relations**  
4 cr.  
This course course why unions need strategic research to be able to succeed in today’s economic and political climate, what strategic research consists of, creating a research plan, research for targeting, researching workplace and social justice problems, conducting power structure research, understanding financial statements, grasping the employer’s strategic plan and changes in the industry, and linking research to organizing and bargaining campaigns. Offered every other year.

**IR4320  Labor and Employment Law**  
4 cr.  
Taught by an attorney. Detailed introduction to labor (union) and employment law affecting employers, unions, and workers in the United States. Examines social philosophy, including employment-at-will doctrine, and historical context. Includes major provisions of the National Labor Relations Act; Taft-Hartley and Landrum-Griffin Amendments; NLRB and Federal Court legal interpretations; New York State’s Taylor Law and other public sector labor law; anti-discrimination statutes; Fair Labor Standards Act; pension law; family and medical leave. Offered every year.

**IR4340  Public Sector Labor Law and Collective Bargaining**  
4 cr.  
This course provides a basic understanding of the historical development of the legal status of public employees in the United States, with a specific emphasis on New York. It includes the creation of the civil service system, the strike and organizing struggles of the first
half of the 20th century, the attainment of tenure, constitutional due process, and collective bargaining rights of public employees. It will review the Taylor Law in depth, including employees’ rights to self-organization, union representation, collective bargaining, mandatory subjects of bargaining, and unfair labor practices. Offered every other year.

**IR5900 Senior Project/Internship in Industrial and Labor Relations**  
4 cr.  
Student completes a major research project or internship, individually tailored to her or his background and experience. Offered every semester.

**MATHEMATICS COURSES**

**Support Services for College Mathematics**
Free tutoring is available for all math courses in the Mathematics Learning Center. Students are encouraged to visit room A-118 to take advantage of this service.

**MA1010 Powertrack Math**  
2 cr.  
Powertrack Math is a highly structured course which utilizes an active learning approach. The course involves mandatory attendance at a lecture class and required hours working in a lab. The purpose of the course is to prepare students in an accelerated way for entry into MA1020 College Algebra and other courses that meet the Mathematics Proficiency requirement at the College. It will include topics of real number arithmetic as well as topics in Introductory Algebra, including linear equations and inequalities, graphing linear equations, exponents, polynomials and factoring, and systems of equations. Attendance at the beginning of the semester is mandatory. Offered every semester.

**MA1020 College Algebra**  
4 cr.  
Topics include functions, factoring polynomials, rational and algebraic expressions, exponents and radicals, solutions to quadratic equations, complex numbers, inequalities, systems of equations, matrices, Cramer’s rule, graphs of functions. Offered every semester.  
Prerequisite: Grade of C- or higher in MA1010.

**MA2000 Applied Statistics**  
4 cr.  
Applied Statistics is a General Education course intended to develop the statistical literacy of all students regardless of their major. The emphasis is on organizing and summarizing data, applying appropriate statistics, and on understanding and interpreting the results of statistical tests. Real data derived from a variety of fields including education, psychology, sociology, life and physical sciences, economics, and business will be used throughout the course.  
Prerequisite: Grade of C- or higher in MA1010.

**MA2010 Foundations of Mathematics I**  
4 cr.  
A course designed primarily for students majoring in elementary education. MA 2010 covers fundamental theory, historical context and underlying logic of mathematics taught in elementary school. Content is intended to complement the recommendations in the National Council of Teachers of Mathematics Standards, and emphasis is placed on problem solving and communication in mathematics. Topics studied include introductory problem solving, functions, number systems, the operations and properties of arithmetic, estimation, and selected topics from set theory and number theory. Offered every semester.  
Prerequisite: MA2010

**MA2020 Foundations of Mathematics II**  
4 cr.  
A course designed primarily for students majoring in elementary education. MA2020 covers fundamental theory, historical context and underlying logic of mathematics taught in elementary school. Content is intended to complement the recommendations in the National Council of Teachers of Mathematics Standards, and emphasis is placed on problem solving and communication in mathematics. The syllabus includes topics from elementary combinatorics, probability, statistics, geometry and measurement. Offered every other semester.  
Prerequisite: MA2020

**MA2030 Mathematical Logic & Set Theory**  
4 cr.  
Basic concepts of mathematical logic and set theory, propositional calculus, predicate calculus, algebra of sets, functions, and relations, methods of proof, including mathematical induction. Offered every semester. (Previously offered as MA3810)  
Prerequisite: MA2090 or equivalent.

**MA2050 Quantitative Reasoning and Decision Making**  
4 cr.  
This course focuses on essential skills in critical thinking, problem solving and decision making. As part of a student’s general education, applications of quantitative methods to solving real-life problems are explored. Skills examined include pattern recognition, graphing,
deductive logic, statistical inference, probabilistic reasoning, introduction to modeling. Topics include ethics in decision making, personal value systems, consumer finance, the language of advertising, energy and environmental issues at the community and global level. Offered as needed.

Prerequisite: Grade of C- or higher in MA1020 or permission of instructor.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2080</td>
<td>Precalculus for Business and Economics</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA2090</td>
<td>Precalculus</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA2300</td>
<td>Calculus for Business and Economics</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA2310</td>
<td>Calculus &amp; Analytic Geometry</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA2320</td>
<td>Calculus &amp; Analytic Geometry II</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA2500</td>
<td>History of Mathematics</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>
<tr>
<td>MA3180</td>
<td>Foundations of Secondary School Mathematics</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA3210</td>
<td>Introduction to Probability and Statistics</td>
<td>4 cr.</td>
</tr>
<tr>
<td>MA3330</td>
<td>Calculus and Analytic Geometry III</td>
<td>4 cr.</td>
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</tbody>
</table>

MA2080  Precalculus for Business and Economics  
The study of linear, quadratic, exponential, and logarithmic functions and their graphs. Systems of equations and an introduction to matrices. Applications in the fields of business and economics. Offered every semester.  
Prerequisite: Three years of regents high school mathematics or Grade of C- or higher in MA1020.

MA2090  Precalculus  
A course designed primarily for students who wish to take MA2310. A study of algebraic, logarithmic, exponential, and trigonometric functions and their graphs. Offered every semester.  
Prerequisite: Three years of Regents high school mathematics or Grade of C- or higher in MA1020.

MA2300  Calculus for Business and Economics  
Limits, differentiation, and integration. Relevant applications from the areas of business, economics and the social sciences. Offered every semester.  
Prerequisite: Four years of Regents high school mathematics or MA2080 or MA2090.

MA2310  Calculus & Analytic Geometry  
Topics include functions and their graphs, limits and continuity, derivatives of polynomials, rational functions, algebraic functions, exponential & logarithmic functions, and trigonometric functions, and applications of the derivative.  
Prerequisite: Grade of C or higher in MA2090.

MA2320  Calculus & Analytic Geometry II  
Topics include indefinite and definite integral, applications of definite integral, integration techniques, infinite series, and analytic geometry.  
Prerequisite: Grade of C or higher in MA2310

MA2500  History of Mathematics  
A survey of the history of mathematics from the beginnings through the 20th century. With special attention to culture and mathematics. Emphasis on topics germane to the high school curriculum. Offered every other semester.  
Prerequisite: MA 2310 or permission of the instructor.

MA3030  Discrete Mathematics  
Topics include combinatorics, functions and relations on discrete structures, recursion, efficiency of algorithms, graphs and trees. Offered every semester.  
Prerequisite: MA2030.

MA3160  Linear Algebra  
An introduction to linear algebra beginning with two and three dimensional spaces, and including such topics as matrices, systems of equations, determinants, vector spaces, linear transformations, eigenvalues, and applications. Offered every semester.  
Prerequisite: MA2310.

MA3180  Foundations of Secondary School Mathematics  
This course is designed for students planning to be secondary school mathematics teachers. The course covers the fundamental theory, historical context and underlying logic of mathematics taught in secondary school. It follows the National Council of Teachers of Mathematics Standards. The goal is for students to develop a deep understanding of secondary mathematics and to enable future teachers to provide their students with the highest quality instruction. This course can be used as a preparation for the New York State Teacher Certification Examination in Mathematics, Content Specialty Test. Offered every other semester.  
Prerequisites: MA2320, MA3030, MA3160.

MA3210  Introduction to Probability and Statistics  
A one-semester course containing foundation material in probability and statistical inference. Topics include discrete and continuous distributions, random events, estimation and hypothesis testing. Offered every semester.  
Prerequisite: MA2310; MA2320 recommended.

MA3330  Calculus and Analytic Geometry III  
Three main areas will be studied. The first is the Vector algebra and geometry of three-dimensional space including: lines, planes, and curves in space; polar, cylindrical, and spherical coordinate systems. Using this geometry, limits, partial differentiation, directional derivatives, max-min theory and Lagrange Multipliers are studied. The final area of study is integration, including double, triple integrals, line integrals, and the divergence, Green’s and Stokes Theorems.  
Prerequisite: Grade of C or higher in MA2320.
<table>
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<tbody>
<tr>
<td>MA4100</td>
<td>Number Theory</td>
<td>4 cr.</td>
<td>A study of the utilization of concrete examples to introduce concepts of modern algebra; prime numbers, congruences, diophantine equations, elementary combinatorial analysis. Offered every other spring.</td>
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<tr>
<td>MA4200</td>
<td>Probability</td>
<td>4 cr.</td>
<td>Sample space, concepts of probability, conditional, marginal and joint probabilities, random variables and functions of random variables; discrete and continuous and other special distributions; moment generating functions; law of large numbers and central limit theorem; conditional expectations, and introduction to stochastic processes. Offered as needed.</td>
<td>MA2030 and MA2320</td>
</tr>
<tr>
<td>MA4300</td>
<td>Numerical Analysis</td>
<td>4 cr.</td>
<td>A study of numerical methods with computer work: solution of algebraic and transcendental equations, systems of linear equations, interpolation, numerical solution of differential equations, error estimation. Offered every other fall.</td>
<td>MA3330</td>
</tr>
<tr>
<td>MA4360</td>
<td>Differential Equations</td>
<td>4 cr.</td>
<td>A study of differential equations and their applications; ordinary differential equations with particular emphasis on linear differential equations, systems of differential equations, boundary value problems and applications to electrical, mechanical and chemical systems. Offered every spring.</td>
<td>MA2320</td>
</tr>
<tr>
<td>MA4510</td>
<td>Geometry</td>
<td>4 cr.</td>
<td>Geometry from a modern axiomatic standpoint. Higher Euclidean geometry emphasizing incidence and separation properties, metric properties, area theory, Euclidean constructions. Offered every fall.</td>
<td>MA2030, MA2320</td>
</tr>
<tr>
<td>MA4910</td>
<td>Operations Research I</td>
<td>4 cr.</td>
<td>An introductory course in operations research theory and methodologies. Operations research uses systematic mathematical processes to find optimal solutions to problems in business, government and science. Topics include matrix algebra, Simplex method of Linear Programming, the Big M Method, Duality Theory, Transportation Programming, the Assignment Problem, Network Analysis and an Introduction to Dynamic Programming. Offered every other fall.</td>
<td>MA2320, MA3160</td>
</tr>
<tr>
<td>MA4920</td>
<td>Operations Research II</td>
<td>4 cr.</td>
<td>The second course in the operations research sequence, this course examines the probabilistic nature of certain operations research models. Topics include Queueing Theory, the Birth and Death Process, Stochastic Processes, Markov Chains, Chapman-Kolmogorov equations and Inventory Theory. Offered as needed.</td>
<td>MA3210 or MA4200</td>
</tr>
<tr>
<td>MA5120</td>
<td>Abstract Algebra I</td>
<td>4 cr.</td>
<td>Groups, rings, integral domains, ideals and fields together with their homomorphisms. Offered every semester.</td>
<td>MA2030 and MA3160</td>
</tr>
<tr>
<td>MA5130</td>
<td>Abstract Algebra II</td>
<td>4 cr.</td>
<td>Continuation of MA5120 and includes the Sylow Theorems, free groups, extension fields, Galois theory, finite fields. Offered as needed.</td>
<td>MA5120</td>
</tr>
<tr>
<td>MA5230</td>
<td>Mathematical Statistics</td>
<td>4 cr.</td>
<td>Review of set theory, probability, random variables and some standard distributions. Focuses on estimation of parameters, confidence intervals, hypothesis testing, likelihood ration tests, sampling distributions, one-sample and two-sample test. Offered as needed.</td>
<td>MA4200</td>
</tr>
<tr>
<td>MA5320</td>
<td>Advanced Calculus I</td>
<td>4 cr.</td>
<td>An analytical study of the theory underlining calculus. Topics will include the real number system, limits, continuity, uniform continuity, differentiability, sequences and series of functions, uniform convergence, Taylor series, theory of integration, elementary transcendental functions. Offered every fall.</td>
<td>MA3160, MA3330</td>
</tr>
<tr>
<td>MA5330</td>
<td>Advanced Calculus II</td>
<td>4 cr.</td>
<td>Rigorous study of vector calculus. Topics will include continuity, differentiation and integration of vector valued functions, inverse and implicit function theorems, differential forms and general Stokes’ Theorem. Offered every other spring.</td>
<td>MA5320</td>
</tr>
</tbody>
</table>
MA5360  Real Analysis  
Theory of the Lebesgue integral; outer measure, measure and measurable sets; simple functions and the space of Lebesgue integrable functions; theorems of Fatou and Lebesgue; dominated (and bounded) convergence theorems; Riemann-Stieltje's integrable; the $L^p$ spaces; inequalities. Signed measure; the decomposition theorems of Hahn and Jordan. Offered as needed.

Prerequisite: MA5320.

MA5380  Complex Analysis  
Introduction to the theory of analytic functions of complex variables including such topics as complex arithmetic, power series expansion, conformal mapping, analytic functions, and residues. Offered as needed.

Prerequisite: MA5320.

MA5510  Topology  
A study of general topology and introductory algebraic topology, including such topics as topological spaces, metric spaces, continuity, connectedness, compactness, product and quotient spaces, functions spaces, homotopy, fundamental groups. Offered as needed.

Prerequisites: MA2030 and MA3330.

MA5900  Research  
Research project carried out under the supervision of a faculty member.

Prerequisite: Permission of instructor.

MA5910  Special Topics  
Selected topics in mathematics. Offered as needed.

Prerequisite: Permission of instructor.

MA9990  Independent Study  
Designed to give the advanced student the opportunity for independent reading, development of a project or a mathematical model.

Prerequisite: Permission of instructor.

MODERN LANGUAGES COURSES

All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

Spanish Courses
ML1100-ML1110  Basic Spanish I and II  
All communications skills in standard Spanish including basic speaking and aural comprehension, basic reading and writing are covered in these courses. Not appropriate for students with background in spoken Spanish. ML1110 is open to students who have completed ML 1100 or its equivalent. Both are offered in the fall and in the spring.

Prerequisite for ML1100: No prior experience in the language.
Prerequisite for ML1110: ML1100 or permission of ML faculty.

ML1120  Intensive Basic Spanish I & II – Honors  
This course is designed for honors students and will serve education majors wishing to complete the modern language requirement as well as other liberal arts majors wishing to accelerate Spanish language conversational fluency. The course will meet four times per week, Monday through Thursday, including one hour per week in the media technology laboratory. The course will be team taught by our existing full-time and adjunct faculty. The curriculum for the course will cover the grammar, listening comprehension, speaking and cultural components of the existing two courses, Basic Spanish I and Basic Spanish II, using the identical textbook and lab materials. The course is intended for non-natives only, and should serve to accelerate the language acquisition of those wishing to learn Spanish and to enroll for advanced courses currently taught in Spanish. Since the course will cover the material in Basic Spanish II, it will count toward the newly proposed Spanish minor. No prior experience in the language required.

Prerequisite: Honors students or permission of instructor.

ML2100  Intermediate Spanish I  
This course is designed for non-native speakers who have learned the basic structures of Spanish and for Hispanic students with some knowledge of spoken Spanish but no prior academic training in the language. Students will work on the four language skills (listening, speaking, reading and writing) in standard Spanish. Special emphasis, however, is placed on listening and speaking. Expanding vocabulary and building confidence in speaking are the main goals of this course. Offered every fall.

Prerequisite: ML1110 or permission of ML faculty.
**ML2110 Intermediate Spanish II**  
4 cr.  
This course offers a comprehensive review of Spanish grammar and intensive work on vocabulary building. It is designed both for non-native speakers who have some competence in spoken Spanish and for Hispanic students who have had limited academic training in the language. The course is intended to develop competence in reading, writing and speaking. Offered every spring.  
Prerequisite: ML2100 or permission of ML faculty.

**ML2115 Business Spanish**  
4 cr.  
This is a semester course covering the specialized vocabulary in the business and labor studies careers. Students will gain an understanding of the cultural differences between Hispanic/Latino and the Anglo community and how these differences may determine marketing and labor relations in today's global economy. Course is designed for Hispanic as well as non-Hispanic students and English dominant Latino students whose education has taken place primarily in the United State. Offered periodically.  
Prerequisite: Intermediate Spanish I or permission of instructor.

**ML3100 Intensive Spanish Conversation and Composition**  
4 cr.  
Designed for the non-native speaker who has had at least two years experience in Spanish, and for Hispanic students who need to activate and expand their ability to think and express themselves in their native language. This course will provide intensive oral practice on different topics related to Hispanic culture as well as current events of particular interest to students. A variety of reading and writing assignments will help students amplify their vocabulary, lessen the interference of English in Spanish oral communication and strengthen their ability to express ideas both in conversation and in writing. Offered every fall.  
Prerequisite: ML2110 or permission of ML faculty.

**ML3110 Advanced Spanish Conversation and Composition for Non-Native Speakers**  
4 cr.  
This course is designed solely for non-native speakers with a strong background in Spanish grammar who are required to take upper-level courses in Spanish culture and literature or simply wish to acquire higher-level skills in speaking and writing the language. Offered every spring.  
Prerequisite: ML2110 or permission of ML faculty.

**ML3200 Translation Workshop**  
4 cr.  
This course offers intensive practice in the art of translation, from English into Spanish and from Spanish into English. A variety of prose texts of increasing length (legal, medical and business documents, newspaper or magazine articles, short excerpts from literary essays) will be selected for translation. Students will work on comparative grammar, style, rhetorical structures and levels of discourse. Emphasis will be placed on expansion of vocabulary in both languages, and on the development of a clearer understanding of the morphological and syntactical differences between the two languages. Offered every third semester.  
Prerequisites: ML2110, ML3100, ML3110, ML3362 or permission of ML faculty.

**ML3250 Fundamentals of Spanish Linguistics**  
4 cr.  
This course provides an essential survey of the major areas of Spanish linguistics geared primarily towards the undergraduate Spanish Education major. Topics to be covered include advanced grammar and syntax, phonology, and lexical morphology. Course readings and fieldwork assignments are intended to provide the student with both a descriptive introduction to the field, which should enable non-natives to improve their own Spanish grammar, listening comprehension and pronunciation; and native speakers to be sensitive to learner difficulties, and to make them more effective educators of Spanish. The course is taught in Spanish with technical terminology given in both Spanish and English. Offered periodically.  
Prerequisite: ML2100 or permission of instructor.

**ML3300 Artistic Expressions of Spain**  
4 cr.  
Given in English. This course is an overview of the art and culture of Spain through guided readings and visits to Museums and Galleries. Students will be exposed to key masterpieces of Spanish paintings from El Greco to contemporary painters. Class readings and discussions will include influences of cultures such as Hispanic and Islamic on Spanish artistic movements, and vice versa.  
Prerequisite: ECII.

**ML3362 Advanced Spanish Grammar and Composition for Native Speakers**  
4 cr.  
Designed for Hispanic students who need to improve their ability to write in Spanish, to expand their overall vocabulary and to perfect their knowledge of grammar and correct usage. Focus is on the development of reading and writing skills through class discussions, written exercises and compositions. Offered every spring.  
Prerequisite: Permission of ML faculty.

**ML3410 Latino Writers in the United States**  
4 cr.  
Taught in English. This course recognizes the contributions of "Latino" writers who have produced a body of literature in English. The works represent the cultural diversity within the Latino communities in the United States, and the response by various authors to questions of acculturation to new social conditions. Offered every other semester.  
Prerequisite: EMS.

**ML3500 Critical Writing and Textual Analysis**  
4 cr.  
Taught in Spanish. For the student who is interested in pursuing the study of literature in Spanish, this course develops critical reading and writing skills and introduces methods of textual analysis. Through intensive practice and class discussions, students will refine their
ability to express independent ideas, organize their thoughts, develop a theme and interpret a literary text, in order to write effective essays and term papers in Spanish. Revising and rewriting will be an integral part of the course. Offered every fall.

**ML3600 Introduction to the Study of Hispanic Literature**
4 cr.
Taught in Spanish. A prerequisite for all upper-level literature and culture courses, this course introduces students to the study of literary genres (poetry, drama, the narrative and the essay). Students will also become familiarized with literary schools and aesthetic movements. Works of noted Hispanic authors (plays, short stories and poems) will be read and analyzed with regard to form and content. Offered every spring.

**ML3800 Modern French Culture: France and the Francophone World**
4 cr.
Taught in English. This course will provide students with an introduction to French culture and civilization. We will analyze the pivotal role played by France in modern European history and culture and the contributions the French and Francophone nations have made in such domains as architecture, fine arts, philosophy, literature and cinema. Starting from the French classical age, in the 17th century, and continuing through the Enlightenment, the age of revolutions, colonialism and post-colonialism, the course aims to give students an understanding of the aesthetic and intellectual currents that have shaped French thought and creative expressions. Readings will include letters, fiction and essays. Modules of discussion and research may include: the emergence of modern subjects; the culture of sensuality; feminism and gender definitions; stories of love and desire; the image of human experience in the French novel; immigration, racism and the multicultural society; the concept of “creoleness”; modernism and the “avant-gardes”; French-American interactions.

**ML3880 Masterpieces of Hispanic Literature**
4 cr.
Selections of outstanding literary works of Spain and Latin America from the picaresque novel to the present. Study includes major writers: Cervantes, Lorca, Unamuno, García Márquez, and others. Given in English. Offered periodically.

**ML4000 Spanish Pronunciation**
4 cr.
Taught in Spanish. Essentially, a course which treats all aspects of the technical production of native Spanish sounds, the course provides a survey of the phonetic system of Spanish; technical descriptions of Spanish phonemic and allophonic systems; rules of complementary distribution; phonological processes; principles of syllabification and stress; patterns of intonation; regional variation; the course will integrate voice processing software to identify problems in their own pronunciation; assignments will include fieldwork interviews of Spanish native speakers from various areas to determine phonetic patterns of several variants of Latin American and Iberian Spanish.

**ML4100 The Spanish Golden Age**
4 cr.
Taught in Spanish. A study of the literature of the Spanish Golden Age (ca. 1500-1660) which includes some of the major texts and best-known stories of world literature. Students will be guided through the reading and analysis of selections from Cervantes, Rojas, Tirso de Molina, Lope de Vega, Calderon, Gongora, etc. The works presented will provide a basis for the examination of the Baroque concepts of reality and illusion, dream and disenchantment. Offered every third semester.

**ML4325 Contemporary Theatre of the Hispanic World**
4 cr.
Taught in Spanish. Selected plays by a variety of Hispanic-speaking dramatists will be read and examined critically and analytically. The plays will represent a broad range of styles and subject matter, and touch upon the philosophical, social and cultural issues that have preoccupied Spanish and Latin American playwrights in modern times. Works by Arrabal, Dragun, Garro, Triana, Paz, Fuentes and Vargas Llosa may be included as well as recent performances pieces by Latino playwrights. A focal point of the course will be the preparation of dramatic readings of selected scenes. Offered periodically.

**ML4350 Recurrent Themes in Latin American Painting and Literature**
4 cr.
Taught in Spanish. This course explores the importance of art and literature in the construction of national, cultural and social discourses in Latin America. Representations of Latin America by European engravers of the 16th and 17th centuries will be analyzed alongside excerpts from colonial literary texts concerned with explaining the newly “discovered” lands to their European sponsors. We will look at nationalistic discourses as presented by the Mexican Muralist movement and writings by Octavio Paz. We will also examine the Hispanic Caribbean painters’ and writers’ project to develop a new artistic vocabulary, and their (dis) illusions with their countries’ social and political conditions. Offered every third semester.

**ML4450 Hispanic Women Writers**
4 cr.
Taught in Spanish. A close reading and analysis of major works of fiction and poetry by Hispanic women. Students will be introduced to significant pre-20th century authors; however, the main focus of the course will be on contemporary texts. Selected writers from different areas, such as Emilia Pardo Bazan, Maria Luisa Bombal, Julia de Burgos, Rosario Ferre, Elena Poniatowska, Gabriela Mistral, Isabel Allende, et al., will give students a sense of the diversity and range of Hispanic women’s writing. We will examine these writers’ response to “machismo” and the limited role of women in traditional societies. Questions concerning the feminine literary tradition, such as how the female experience is represented in texts written by women, and whether there is a specifically “female” writing, will also be discussed. Offered every third semester.

**Prerequisite:** ML3500 or ML3600 or permission of Instructor.
ML4500  Culture and Literature of Spain  4 cr.
Taught in Spanish. A study of the culture and literature of Spain through representative works, beginning with the epic poem El Cid. Spain’s first recorded literary work, and continuing through the 18th century. Students will examine the concepts of honor, religious duty, love, conquest, and the nation as represented in the Spanish tradition. Offered every third semester.
Prerequisite: ML3500 or permission of ML faculty.

ML4510  Civilization and Culture of Spain  4 cr.
Taught in Spanish. This course will provide students with an introduction to the culture and civilization of Spain. We will start with a brief overview of key events in Spanish history but emphasis will be placed more specifically on contemporary Spain. Analysis and discussion of literary works, films, music and art will help students understand and appreciate the role played by Spain in modern European history and her contributions in the arts as well as in popular culture. Themes for discussion and research may include: the image of human experience in the Spanish novel; pluralism, unity and the Spanish identity; post-modern cinema; the Civil War and the Franco era; Spain as Romantic myth and tourist heaven, etc.

ML4520  Culture and Literature of the Spanish Caribbean  4 cr.
Taught in Spanish. A study of the major literary trends of this century in the Caribbean area (Dominican Republic, Puerto Rico, and Cuba) seen in a general Latin-American sociocultural and political perspective. Representative works by Henriquez Urena, Llorens Torres, Pales Matos, Guillen, del Cabral, Bosch, Marques, Carpenter, Laguerre, Cabrera Infante, Gonzalez, Cesaire, Mir, Burgos, Rodriguez-Julia, etc. Offered every third semester.

ML4540  Latin American Culture and Literature: From the European Conquest to Independence  4 cr.
Taught in Spanish. This course will examine the variety of genres produced in Latin America, from the earlier historical writings (diarios, crónicas, relaciones, poemas épicos, etc.) through the European-inspired literatures of the Baroque, Neoclassic, and Romantic periods. The social and political ideas of the Enlightenment and subsequent “progressive” (liberal) ideologies, culminating in the Latin American Wars of Independence and the modern process of “nation building,” will be studied within a literary context.
Prerequisite: ML3500 or permission of ML faculty.

ML 4545  Civilization and Culture of Latin America  4 cr.
Taught in Spanish. This course will serve as an introduction to various aspects of daily life and culture in Latin American countries from early times to the present. We will explore the question of the Latin–American identity: What is Latin America and who are the Latin Americans? We will consider some of the significant intellectual, artistic, historical, and sociopolitical movements that have shaped Latin America since the beginning of its history. Major periods to be examined will be the pre-Columbian civilization, the “Conquista” and the colonial empire, the independence movements and the contemporary period. Students will become familiarized with major issues and institutions of Latin America as represented in contemporary Latin American essays, films, art, music, short stories, plays and novels.

ML4630  Latin American Literature  4 cr.
Taught in Spanish. This course will examine key literary movements in Latin America since the conquest. We will examine pre-Columbian texts together with the description of the Americas by early European gaze. We will analyze the collision of cultures, the Baroque, Romanticism and Independence, ideas of Civilization and Barbarism, modernism, the avant-garde and magical realist movements. We will study European and African influences on Latin American letters and how these influences evolved into a Latin American expression. Finally, we will analyze how Latin America became a leading authority in world literature. Offered periodically.
Prerequisite: ECI

ML4645  French Literature  4 cr.
Taught in English. This survey course is intended to serve as an introduction to French literature from the French classical age, in the 17th century, to the present time. Students will be guided through the reading and analysis of narrative fiction, plays and poems by major French writers so as to develop an understanding of the aesthetic and intellectual currents that have shaped French literature. Readings will be organized around thematic modules rather than in chronological order. Topics may include: representations of the self; stories of love and desire; the making of modernity; tradition and experimentation; social reflections; colonialism and post-colonialism, among others. Offered periodically.
Prerequisite: EMS

ML4700  Studies in Spanish Literature of the Nineteenth and Twentieth Centuries  4 cr.
Taught in Spanish. A study of the major literary trends prevailing in Spain from the beginning of the 19th century to late 20th century: Romanticism, Realism, Naturalism, the “Generation of ’98”, the “Generation of ’27”, the era known as “la postguerra” and postmodernism. Representative works of poetry and prose will serve as an illustration of the historical, social and artistic issues characteristic of each period. Offered every third semester.
Prerequisite: ML3500 or permission of ML faculty.

ML4750  Fiction Into Film: the Spanish and Latin American Cinema  4 cr.
Taught in Spanish. A study of classic Spanish-speaking films from Latin America and Spain and their contribution to Hispanic culture. The class will view, discuss and analyze films in the context of socio-political events and aesthetic movements, and place each work in cultural
perspective. Particular attention will be paid to the ways in which literary works are translated into cinematic form, and to contrasting narrative practices in the novel and in film. Offered every other semester.

ML4800  From Modernism to Contemporary Latin American Literature  
4 cr.
Taught in Spanish. An historical and analytical approach to the Modernist and Avant-garde movements in Latin American letters. Students will be introduced to the various aesthetic styles which flourished from the late 19th to the middle of the 20th century. The course will examine major poetic trends, as well as representative prose fiction of the two periods (Modernismo and Vanguardismo), paying particular attention to symbolism, decadentism, impressionism, surrealism, cubism, etc.

Prerequisite: ML3500 or permission of ML faculty.

ML5400  Contemporary Literary Theory and Its Applications  
4 cr.
Taught in Spanish. Recent contributions by Jacques Derrida (deconstruction theory), Edward Said (on orientalism), Julia Kristeva and Hélène Cixous (feminist theories) have questioned the authority of the author as well as the reader, and have brought into consideration other mechanisms that affect our critical evaluation of the world around us. This course attempts to establish principles for interpreting and evaluating literary texts, visual arts and films through readings of contemporary literary theory. Offered periodically.

Prerequisites: ML3500 and ML3600 or permission of Instructor.

ML5450  Major Trends in Latin American Thought  
4 cr.
Taught in Spanish. The course examines the major intellectual and artistic trends in Latin American letters, as reflected in the works of representative writers: Sarmiento, Bello, Martí, Rodó, Henríquez-Ureña, Mariategui, Zea, Paz, Vargas Llosa, among others. Readings of the historical, social and literary essay will constitute the primary focus of the course. Special attention will be given to regional and cultural differences. Topics such as race and ethnicity; national identity; the role of women in society, etc., will be closely examined. Offered every third semester.

Prerequisites: ML3500 and ML3600 or permission of Instructor.

ML5650  Contemporary Latin American Narrative  
4 cr.
Taught in Spanish. Introduction to narrative techniques and socio-political topics prevalent in the contemporary Spanish American narrative. Authors include Borges, Arguedas, Cortazar, Carpentier, Rulfo, Bomabal, Garcia Marquez, Fuentes, Roa Bastos, Vargas Llosa, Poniatowska, Allende, etc. Offered every third semester.

ML5900  Senior Seminar  
4 cr.
With the guidance and supervision of a faculty member, students must prepare a Senior Thesis. The thesis must focus on a specific area of Spanish language, Hispanic literature and culture involving detailed research. Offered every semester.

Prerequisites: Senior Standing in ML program; EMS.

Note: Students may choose to take an additional 4000- or 5000-level course instead of completing Senior Seminar.

Arabic Courses

ML1300  Basic Arabic Language I  
4 cr.
This course provides an introduction to Modern Standard Arabic, the language of print and broadcast media throughout the Arabic-speaking world. Alongside conversation, a substantial portion of the course will be devoted to mastery of basic reading and writing skills. Students will be introduced to common greetings, numbers, colors and basic vocabulary relevant to everyday environments. By the end of the course, students should be able to formulate questions and present basic information about themselves relating to family and school experience. Music, visual media, maps and other supplementary material (including field trips, as possible) will reinforce language skills and introduce students to the diverse aspects of culture in the Arab world. Offered periodically.

Prerequisite for ML1310: ML1300 or permission of Instructor.

ML1310  Basic Arabic Language II  
4 cr.
This course continues the introduction to Modern Standard Arabic, the language of print and broadcast media throughout the Arabic-speaking world, begun in Basic Arabic Language I. Students will progress toward simple conversations about themselves and others, classroom and travel experience, leisure activities and basic needs. By the end of the course, students should have mastered several hundred words of vocabulary. Work on reading and writing skills will continue, so that students can create and recognize the vocabulary in written form, as well as understanding authentic printed material such as signs and newspaper headlines. Music, visual media, maps, interviews and other supplementary material (including field trips, as possible) will reinforce both language skills and cross-cultural understanding. Offered periodically.

Chinese Courses

ML1200-ML1210  Basic Chinese I-II  
4 cr.
Open to students with no previous, or limited, knowledge of Chinese. Each provides for acquisition of communication skills in Chinese and introduces writing. ML1200 offered in the fall and ML1210 in the spring.

Prerequisite for ML1210: ML1200.
ML1250  Chinese for Business 4 cr.
A course designed for business majors to learn official Chinese language (Mandarin) will focus on the combination of language learning (3/5 of the course) and cultural understanding (2/5 of the course) in the context of business. Students will learn to speak and read Chinese with basic rules of pronunciation and grammar. Character writing will also be part of the learning. Students should be able to conduct simple conversations in a business setting and read and understand basic business terminologies in Chinese after the completion of one semester. No prior experience in the language required.

ML3262  Chinese for Native Speakers 4 cr.
A course for students who have some knowledge of Chinese language (Mandarin) and who want to improve speaking and listening comprehension skills while learning more Chinese characters in both the simplified and traditional styles. Since the topic will change from fall to spring, students may take this course for credit twice (once in the fall and once in the spring). In the fall, the course materials will focus on business in China and in Chinese communities in America. Newspaper articles and other supplementary sources will emphasize the stock market, capital markets, trade, real estate, insurance, joint-ventures and general business practices. In the spring, the topic will be Chinese culture and literature. Students will read fiction, articles on popular culture from newspapers and magazines. Classic texts of Confucianism and Daoism will be part of the discussion. Documentaries and feature films will extend opportunities for listening and vocabulary enrichment. Music, both traditional and contemporary, will also be used. All sources will be in Mandarin. Students who want to take both semesters for credit may begin in either fall or spring.

French Courses

ML1000 - ML1010  Basic French I and II 4 cr. ea.
Open to students with no previous training in French. Each provides for acquisition of the communication skills in French, with special emphasis on aural comprehension and speaking. Students are also given the opportunity to achieve basic competency in reading and writing. Both courses are offered in the Fall and in the Spring.

Prerequisite for ML1000: No prior French, or not more than one year of high school French.
Prerequisite for ML1010: ML1000 or permission of ML faculty.

ML2000  Intermediate French I 4 cr.
This course provides for a broadening and intensification of the four language skills (listening, speaking, reading and writing) in standard French. It is designed for students who have had at least 2 years of high school French or have some familiarity with basic vocabulary and structures. Offered periodically.

Prerequisite: ML1010 or permission of ML faculty.

ML2010  Intermediate French II 4 cr.
Designed for students who wish to improve their ability to write in French, to expand their vocabulary and to lessen the interference of English in French oral communication. The course will offer a review of grammar and correct usage and intensive oral practice based on different topics related to French-Caribbean culture. Reading and writing assignments will help students sharpen their communication skills in standard French. Offered periodically.

Prerequisite: ML2000 or permission of ML faculty.

Italian Courses

ML1400 - ML1410  Basic Italian I and II 4 cr. ea.
Open to students with no previous, or very limited, knowledge of Italian. Each provides for acquisition of communication skills in Italian, with emphasis on aural comprehension and speaking. Students will also develop basic competency in reading and writing. ML1400 offered in the fall and ML1410 in the spring.

Prerequisite for ML1400: No prior study of Italian, or not more than one year of high school study.
Prerequisite for ML1410: ML1400 or permission of Instructor.

ML3450  Italian Cinema: From Neorealism to the Present 4 cr.
Taught in English. This course will study chronologically the various movements that have marked modern Italian cinema, with a special focus on the period known as Italian Neorealism. We will examine historical contexts, discuss varying directorial approaches, and evaluate critical statements during class discussions. Offered periodically.

Sign Language Courses

ML1150  American Sign Language I 4 cr.
An introduction to American sign language, the natural language of the deaf community in the United States and Canada. Focuses on conversations in sign, basic rules of grammar and aspects of the deaf community. Offered in the summer.
ML1160  American Sign Language II  
Continuation of basic American sign language and deaf culture study, with opportunities to build receptive and expressive sign vocabulary and phrases; use of signer space; social expressions and body language; introduction to fingerspelling. Offered in the summer. 
Prerequisite: ML1150.

MUSIC AND DANCE COURSES

MD1000  Music of Global Cultures I  4 cr.  
An introductory course focused on understanding and exploring the meaning and art of traditional and popular music and global cultures. This course presents music from diverse cultures examining historical perspectives and their impact on society. Students will be introduced to basic rhythms, melodies and harmonies. Cultures on focus include introduction to the music of Africa, Europe, Asia and the Americas. Course will include review of videos, films and recordings.

MD1010  Music of Global Cultures II—An Interactive Course  4 cr.  
The course will focus on the relationship of music to the cultural and social environments of diverse communities. Music will be examined as a rhythmic newspaper creatively expressing the voice of culturally diverse communities seeking to inform and contribute to the mosaic of civil society. Working with professional musicians, students will be introduced to music theory, basic reading, writing and composition. Cultures on focus include expanded introduction to the music of Africa, Asia, Europe and the Americas. Course will include review of videos, films and recordings.

MD1100  Traditional and Popular Dances of Global Cultures  4 cr.  
This introductory dance course bridges the disciplines of music, song and dance, exploring the ways in which tradition and popular dances transmit meaning and contribute to an understanding of cultural diversity. The basic dance course focuses on healthy alignment principles that strengthen the body. The course will emphasize the dance techniques of diverse societies of Africa, Europe and the Americas. Cultures on focus include introduction to the music of Africa, Europe, Asia and the Americas. Course will include review of videos, films and slides.

MD1110  The Culturally Diverse Language of Dance—The Anatomy of Movement  4 cr.  
Dance embodies the language of culture through movement. This introductory course examines the role of dance in articulating the human rights of diverse cultural communities. The historical global dance survey will focus on the societal conditions that created and influenced different dance styles and movements. Working with professional dancers and musicians, students will study dance history, improvisation and basic dance composition. The interactive dance survey will include the cultures of Africa, Asia, Europe and the Americas. Course will include review of videos, films and slides.

POLITICS, ECONOMICS AND LAW COURSES

All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

PE1401  Introduction to Economics  4 cr.  
A survey course that begins with a brief examination of the evolution of the modern market economy and of the major schools of economic thought. The course progresses to an explanation of fundamental economic principles and concepts and to the study of some contemporary economic problems in the U.S. Offered every semester. 
Prerequisite: EC1.

PE1600  People, Power, Politics  4 cr.  
An introductory course that begins with an examination of the nature of power in different areas of human experience, and then proceeds to look at power issues related to lawmaking, governmental institutions, and political participation both inside and outside of those institutions. The course is intended to illustrate the various sources of power that people possess to bring about political and social change. It draws on current events in order to better illustrate the topics discussed. Offered every semester. 
Prerequisite: EC1.
PE2220  Introduction to Urban Issues
An examination of various perspectives on urban areas and of important urban issues, including social problems of minority communities, housing and public services. Offered every semester.

Prerequisite: EC I.

PE2240  Introduction to Latin American Studies
This course presents an overview of the advanced levels of urban and scientific development before 1492. Changes in the continent's linkages to the world market led to the destruction of peoples and local economies, and greatly modified the many cultures during the nineteenth and twentieth centuries. The rise of domestic economies and “Latino” social classes and their contradictory relations to the emerging nation-states are illustrated by historical and contemporary case studies. Offered every semester.

Prerequisite: EC II.

PE2300  Introduction to Law
This course is intended to familiarize students with the basic substantive, procedural, and structural components of the legal system of the United States of America. This course provides an introduction to the common law and the essential characteristics of the United States legal system: basic constitutional structures and the judicial function, the basics of legal methodology, the role of the legal profession in an adversary system and a survey of core legal principles in different areas of the law.

Prerequisite: EC I.

PE2420  Principles of Microeconomics (Equivalent to BU2420)
An introduction to neoclassical economic theory. Consumer and producer behaviors, price formation in the market and the role of the market in allocating resources and coordinating social production are among the topics covered. Offered every semester.

Prerequisites: MA1020, EC II.

PE2430  Principles of Macroeconomics (Equivalent to BU2430)
An introduction to conventional macroeconomic theory, including the determination of national income, government taxing and spending policy, money and banking, unemployment, and inflation. Offered every semester.

Prerequisites: MA1020, EC II.

PE2650  Introduction to U.S. Politics
This introduction to power and politics in the U.S. explores the Declaration of Independence and the Constitution; public opinion, interest groups, social movements, and voting; the institutions of Congress, the Presidency and the Supreme Court; and the making of current policies. Emphasis is placed on issues of power, democracy, and political and social change. Offered every semester.

Prerequisite: EC I.

PE3100  International Relations
Introduces principles of state-to-state relations, basic modes of resolving international disputes and the evolution of international organizations. The course emphasizes how each individual is related to global politics and encourages students to study and propose solutions to some of the most severe problems of human rights, national security and environmental survival. Offered every other semester.

Prerequisite: EC II.

PE3201  Statistics (Equivalent to BU3201)
Surveys the basic topics of modern statistics, including descriptive statistics, probability theory, probability distributions, hypothesis testing, simple regression.

Prerequisite: MA1020.

PE3400  Political Economy of the Third World
Analysis of the major political, economic and social problems of the Third World i.e., the nations of Africa, Asia, and Latin America and the Caribbean. The course traces broadly the history of colonialism and considers its impact on the postcolonial political economy of the Third World. Case studies may complement the general analysis. Offered every semester.

Prerequisite: EC II.

PE3410  Contemporary U.S. Political Economy
This course is designed to familiarize the student with the workings of the economy within a class and institutional context. Focuses on the economic history of the United States from the perspective of competition between firms, management/worker relations and the involvement of the state in the economy. Offered every semester.

Prerequisite: EC II.

PE3425  Economic Analysis-Micro
An in-depth study of price theory. Develops and redefines the neoclassical principles presented in PE2420. Emphasizes the application of economic theory to public policy making.

Prerequisite: PE2420 or BU2420.
PE3435  Economic Analysis-Macro  
4 cr.
A detailed analysis of classical, Keynesian, monetarist, and rational expectation theories of income determination and growth.
Prerequisite: PE2430 or BU2430.

PE3440  International Economics  
4 cr.
The focus of this course is international trade theory and policy. It covers as well certain fundamental aspects of international monetary economics. The curriculum is designed to provide students with the basic skills required for an understanding and critical analysis of the principal global economic issues facing the United States and the world today. Offered periodically.
Prerequisite: PE2420 (BU2420) or PE2430 (BU2430).

PE3450  Women from a Global Perspective  
4 cr.
This course examines the various roles of women in the global economy, with particular emphasis on the international division of labor. It provides a class, ethnic and historical analysis of the study of women as part of economic and social change. Case studies of women in advanced capitalist and Third World nations show their increasing interactions. Offered periodically.
Prerequisite: EC II.

PE3600  Global Geography: People, Places and Environments  
4 cr.
This multidisciplinary course focuses on the political, economic and strategic importance of geography from an international, cross-cultural and historical perspective. It highlights the contemporary global relationships between personal power, political power and geographic space for control over territory and natural resources, as well as other sources of wealth and influence. A wide and shifting range of topics are covered including energy security, military expansionism and the political economy of global warming and climate change. This course also introduces students to the use of data and critical thinking skills necessary to analyze the multinational geopolitical landscape and to sharpen their global awareness.
Prerequisite: ECII.

PE3610  Conflict and Revolution in the 20th Century  
4 cr.
Rapid changes in the global economy, the rise of 20th Century social movements as well as ethnic tensions have led to conflicts in various parts of the world. The different origins of the violence as well as the outcomes are the subject matter of this course. Case studies including the Middle East, Africa, Latin America and the Caribbean, China and the U.S. Civil Rights movements are used selectively to illustrate instances of rebellion.
Prerequisite: ECII.

PE3690  City & Suburb: Political Action and Change  
4 cr.
A survey of city and suburban organization practices. Examines the role of the community organization in fostering local autonomy and as an agency for social, political and economic change in our cities and suburbs.
Prerequisite: EC II.

PE3720  Long Island: Economy, Environment and Society  
4 cr.
Most Americans now live in suburban areas like Long Island. Since the Second World War and the building of Levittown, Long Island’s economy has been transformed from an agricultural area to a bedroom community. Its natural amenity allowed the creation of a number of parks known world over. Since the seventies, the area has witnessed a boom in commerce and lately, of office space. The course covers the past and recent changes in this region.
Prerequisite: EC II.

PE3750  Politics of Race and Class  
4 cr.
This course explores the intersection of race and class in the U.S., inquires into the relationship between race and quality of life, and examines limitations on the representativeness of the political system at federal, state, and local levels of government. Central to the course is the question of government responsiveness on issues of race and class. Particular attention is paid to the operation of U.S. political parties, to elections and voting, to legislative process and executive leadership, and to media performance in public debate. Delete: Offered periodically.
Prerequisite: EC II.

PE3850  State and Local Politics  
4 cr.
The course examines government and politics at the state and local level, with particular emphasis on New York State. It discusses issues in state and local government and the impact of the competing interests of the people of New York on public policy. It also explores the historical context and contemporary state of policy initiatives on issues such as criminal justice, welfare, health care, education, immigration, the environment and taxation.
Prerequisite: EC II.

PE4100  International Organizations in the Global Economy  
4 cr.
This course explores various approaches to international organizations and the contribution these organizations make to the creation, maintenance, and change of world order. Current issues facing the United Nations and its specialized agencies, the Bretton Woods financial institutions, and regional organizations will be examined. While much attention is given in this course to the role of
permanent, intergovernmental organizations, the course also examines the role of nongovernmental organizations, international law, treaties, and norms in international relations.

**PE4150  Terrorism and Politics**  
4 cr.
The class seeks to understand what terrorism is (and is not), and how new networks of political and religious activists differ strategically from those who used older forms of violence. Building on concepts of international law and organizations, we study both military and non-military approaches to ending terrorism. Students learn about relations between political power and how the suppression of democratic critique is related to terrorist violence. We ask: Does the curtailing of our freedom of expression, assembly and association, writ of habeas corpus and denial of legal representation help or hinder our efforts to end terrorist actions? Offered periodically.

**Prerequisite:** Upper-Division standing.

**PE4275  Applied Econometrics**  
4 cr.
Builds on the knowledge and skills in statistics by the study of simple and multiple regression analysis to test empirical propositions in economics and to forecast economic time series. Students are also required to become fluent in the use of a statistics computer program.

**Prerequisite:** PE3100 is helpful, but class is open to any students with upper-division standing.

**PE4200  Middle Eastern Politics**  
4 cr.
Recent events like the terrorist attacks of September the 11th, the Persian Gulf Wars, the U.S. occupation of Iraq, the Arab-Israeli conflict, the rise of political Islam have highlighted awareness of the significance of the Middle East in world politics as well as the lack of understanding about the region in the West. This course explores the geographic, historical, political, economic, and cultural aspects of the Middle East, covering such topics as the making of the modern Middle East, Arab nationalism, the U.S. occupation of Iraq, the Palestinian-Israeli conflict, Islam and human/women's rights, and Iran and the bomb.

**Prerequisite:** Upper-Division standing.

**PE4280  Environmental Politics**  
4 cr.
The course will begin by examining the crucial biophysical, economic, and social issues facing local communities and political leaders today. In the second part of the course students are brought through the history, organizations, interests groups, and processes that shape U.S. and international environmental policy. The latter will conclude with the current debates that inform policies and negotiations within such institutions as the WTO, United Nations and agreements such as NAFTA. Students will be assigned examples of communities that have confronted environmental problems and they will research the processes by which those communities addressed them.

**Prerequisite:** Upper-Division standing.

**PE4325  Jurisprudence: Legal Thought**  
4 cr.
This course is a survey of major theoretical approaches to the nature, purposes, interpretation, and practice of law. Through primary classical and contemporary documents, we will explore "classical" legal philosophies such as natural law and legal positivism, as well as the more "modern" theories of American legal thought: legal realism, law and society, feminist legal theory, critical race theory, and queer legal theory.

**Prerequisite:** Upper-Division standing.

**PE4409  Urban Economics**  
4 cr.
This course examines the evolution of cities and metropolitan areas as centers of production and the relationship of urban economics to regional, national, and international economics. Attention is paid to the failure to meet the needs of significant numbers of people in urban areas. Offered periodically.

**Prerequisite:** Upper-Division standing.

**PE4455  Economic Development**  
4 cr.
A comparative study of economic development strategies and problems of Third World countries. The course will locate the application of development strategies in different institutional and political settings. The implication of debt repayment on economic development will also be examined.

**Prerequisites:** PE3400 and Upper-Division standing.

**PE4460  International Finance**  
4 cr.
Surveys three areas: international financial markets; open-economy macroeconomics; and international monetary systems and policy. Specific topics include position taking, arbitrage, parity conditions, international banking, monetary and fiscal policy, capital mobility, fixed and flexible exchange rates, the gold standard, Bretton Woods, and the current "free market" international monetary order.

**Prerequisite:** PE2430.

**PE4470  History of Economic Thought**  
4 cr.
Surveys both the central tenets and the divergences among various schools of economic thought, e.g., classical, American institutionalism, Keynesianism, etc. The relationship between economic ideas and their social contexts is emphasized. Offered every other semester.

**Prerequisites:** PE2420 (BU2420), PE2430 (BU2430) or Upper-Division standing.
PE4580 Origins of the Capitalist Economy  
Studies the economic and social origins of the modern world, from different intellectual perspectives. Topics include antiquity, feudalism, the emergence of capitalism, the Industrial Revolution, the French Revolution, the spread of capitalism, the development of underdevelopment in the Third World, monopoly capitalism and imperialism, the Great Depression. Offered every other semester.  
Prerequisite: Upper-Division standing.

PE4590 Global Economy in the 20th Century  
This course explores the ongoing economic and political relationships among the advanced capitalist nations of the 20th century. The course includes a thorough review and analysis of the rise of the United States economy as the primary force shaping the international economy over the first two-thirds of the century. The development of a tripolar global economy (Asia, U.S. and Europe) in the latter part of the century is explored. Included in this section is the growing influence of multinational enterprises and financial capital on policies of the nation state. Offered every other semester.  
Prerequisite: EMS.

PE4609 Public Administration  
Examines organizational theories and their application in public policy. Focuses on how decisions made at various levels of government are implemented in local urban and non-urban areas. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4620 Political & Social Thought  
Examines significant contributions to the development of western political thought from the Greeks to the 19th century. Explores in depth works by Plato, Machiavelli, Hobbes, Locke, Rousseau, Burke and John Stuart Mill. Offered every other semester.  
Prerequisite: Upper-Division standing.

PE4650 Topics in U.S. Politics  
Examines the opposition and relationship between the private self and the public community. Special attention is given to the economic, cultural and social factors that contribute to this private-public dichotomy in U.S. politics. Offered periodically.  
Prerequisite: PE2650 or Upper-Division standing.

PE4655 Constitutional Law and Politics  
This course examines the role of the Supreme Court in battles over representative government and struggles for power between political institutions. Emphasis is placed on cases dealing with separation of powers, federalism, economic regulation and property rights, elections and voting rights. Attention is given to the historical context of cases, the internal politics of the court and the political implications of court decisions. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4658 Law and Civil Liberties  
Examines the historical development and philosophical and political underpinnings of constitutional civil liberties. Analyzes Supreme Court cases and other writings on such topics as freedoms of speech, press, religion, assembly, petition, and association; the right to privacy; police searches and seizures; self-incrimination; the rights to counsel and to fair trials; and cruel and unusual punishment and the death penalty. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4659 Law and Civil Rights  
Examines the historical development and philosophical and political underpinnings of constitutional civil rights. Analyzes Supreme Court cases and other writings on discrimination based on race, ethnicity, gender, sexuality, and class, and discusses such topics as desegregation, affirmative action, voting and political representation, privacy, sexual harassment, Native American treaties, and welfare benefits. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4660 Politics of India and the Region  
Introduction to the politics of selected countries in the Indian subcontinent. The course will examine the origins of the independence movements. Major emphasis will be placed on post-independence politics, social and economic change. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4665 Human Rights  
This course aims to provide students with a broad working knowledge of human rights as both an intellectual discourse and a realm of political action. The course examines: the emergence and institutionalization of human rights in the 20th century, human rights as a form of international politics, the difficulties in enforcing international standards as well as a specific analysis of a number of human rights issues. Offered periodically.  
Prerequisite: Upper-Division standing.

PE4690 Politics of Latin America and the Caribbean  
Analyzes the contemporary problems of political and economic change in selected countries of Latin America and the Caribbean over the course of the twentieth century to the present. Part of the course is devoted to U.S. relations with the region, and part is an in-
depth study of one country. Offered every other semester.

Prerequisite: PE2240, PE3100 or PE3400, or Upper-Division standing.

PE5990 Internship 4 cr.
This internship will give students practical experience in the fields of public policy, legal affairs, economics as well as state and local governments. Students will be working in various public nonprofit advocacy agencies. The working hours and duration of the internship will be determined by the instructor and the agency. Students will be required to submit a journal and a portfolio of work at the end of the semester. This is an excellent opportunity for students to acquire training in their chosen area of specialization.

Prerequisites: Introductory courses in PEL and permission of the instructor.

PE9970 New York State Assembly Session Internship 15 cr.
This is a fifteen-credit course that takes place in Albany every spring semester. It begins the first week of January and runs through the middle of May. Students work approximately 30 hours per week in the office of a member of the New York State Assembly and take one seminar course focusing on government and politics in New York State. The State provides a stipend to assist with relocation and housing. Enrollment is by application and is competitive. Application deadline: mid-October.

PSYCHOLOGY COURSES

All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

PY2010 Introduction to Psychology 4 cr.
A prerequisite to all other psychology courses. Based on methods and data of scientific psychology, this course investigates basic principles of behavior. The socio-cultural context in which humans develop is emphasized throughout. Areas of psychology to be covered include neurophysiology, cognition, learning, developmental, social, personality, and abnormal. Offered every semester.

Prerequisite: EC I.

PY2340 Community Psychology 4 cr.
This course focuses on the application of psychological concepts to the development and provision of general medical and mental health services. The community psychology movement, including the emphasis on prevention, community involvement, the development and integration of community service programs, community networking, the use of paraprofessionals and deinstitutionalization, is presented and analyzed. The impact of social class, culture, gender, ethnicity and the economics of health care delivery are central concerns of the course. Models developed to increase community health service utilization are presented and discussed. Students are required to visit a community service delivery center, conduct a literature search, and write a paper on a related topic. Offered once a year.

Prerequisite: EC I.

PY2530 Psychology of Prejudice 4 cr.
This course explores the impact of prejudice as a psychological process. Its effects as they manifest in racism, ethnocentrism, sexism, heterosexism and prejudice against the disabled will be discussed. Institutionalization of these patterns and similarities and differences between these concepts are examined. Students will explore their own understanding, experience and perpetuation of situations of prejudice.

Prerequisite: EC I.

PY2720 Psychology of Gender 4 cr.
An introductory-level psychology course which examines the biological and sociocultural correlates of sex and gender. The attitudes, self-concepts and societal roles of men and women are explored through research findings, film, selections from current literature, and reflections on personal experience. The complex interplay of culture and social class on gender roles is examined. Race, ethnicity, and sexual orientation are included in readings and discussion. Analytical and critical thinking skills and communication of ideas are emphasized throughout the course.

Prerequisite: EC I.

PY2730 The Psychology of Peoples of African Descent in the United States 4 cr.
This course focuses on the psychology and mental health of peoples of African descent in the United States. The treatment of peoples of African descent in research and theoretical literature is critically analyzed, especially in relation to racial identity, self-concept, strengths, resilience, and family dynamics. The study and impact of public policy, socio-cultural context, social class, gender, sexual orientation and ethnicity on psychological functioning is central to the course. Small group projects and activities are used to enhance multicultural communication and collaborative learning. Offered every other year.

Prerequisites: EC I.
PY3110 Research Methods I 4 cr.
Introduces the student to the basic research methodologies in psychology. Combining lecture and laboratory exercises, students are exposed to experimental and non-experimental research paradigms. Emphasis is placed on the process of scientific inquiry in general, and the concepts and terminology of psychological research in particular. Ethical considerations of psychological research are explored. Discipline-specific library skills and the critical reading of the professional literature are emphasized. The student learns to write psychology papers according to the guidelines of the American Psychological Association. Offered every semester.

Prerequisites: PY2010; EC II.

PY3120 Research Methods II: Basic Statistics for Psychologists 4 cr.
An introduction to statistical methods. Topics include descriptive statistics (measures of central tendency and dispersion, correlation) and basic inferential statistics (sampling distributions; t-tests; chi square tests). Emphasis is on both the underlying conceptual framework of statistical analysis and on carrying out simple statistical procedures. Offered every semester.

Prerequisites: PY2010, PY3110, EC II; math proficiency required, MA1020 recommended.

PY3130 Internship in Applied Psychology 4 cr.
In this course, students, in conjunction with the instructor, select a field internship to which they must commit 100 hours. In addition, for every day in the field, they must take field observation notes equivalent to two typewritten pages in the form of a journal. A final paper analyzing some aspect of the field experience and their own personal growth related to psychological theory is required (5-7 pages). Individual readings are assigned as related to each particular and are chosen by student and faculty. A wide range of placements is allowed. Individual directed research is also an option. Offered according to demand.

Prerequisites: PY2010, and any two psychology courses.

PY3210 Infancy and Early Childhood 4 cr.
This course examines human development from conception through the preschool years. Topics that will be covered include prenatal development and birth; attachment and the infant-parent relationship; physical, motor and sensory development, with particular emphasis on brain development; cognitive development, including language development; and psychological, emotional and social development, including gender identity development. The impact of socioeconomic and cultural background, family and peers will be explored.

Prerequisites: PY2010, and any two psychology courses.

PY3230 Adulthood & Aging 4 cr.
This course explores psychological development in the social context from early adulthood to old age. Personality theories and research methods as they apply to the study of aging are reviewed. Life cycle changes in family and work structure and roles are discussed. Additional topics include demographics, coping and successful aging, health, friendship and community, and death and dying. The impact of gender, culture and race and socioeconomic background are examined throughout.

Prerequisites: PY2010; EC II.

PY3240 Practicum in Early Childhood 4 cr.
This course will focus on development during toddlerhood and the preschool years. Lectures and discussion will center on cognitive, psychological and social development during early childhood, with selected topics to include environmentally-based skills development, management of problem behaviors and child abuse. This course will also include a practicum component, where students will be required to spend at least four hours a week in an early-childhood setting, such as a daycare or preschool. Minimum practicum requirements include keeping a journal and writing a term paper. This course is highly recommended for students who are interested in early child development, who plan on working with very young children, who plan on counseling young children, and/or who are majoring in early childhood education.

Prerequisites: PY2010 or a course in infant/child development.

PY3310 Abnormal Human Behavior 4 cr.
Explores mental illness and other forms of abnormal behavior. In addition to surveying individual diagnostic categories, the course examines various explanations of mental illness (biological, psychodynamic, behaviorist, cognitive, and sociocultural), and issues of diagnosis, assessment, and treatment. Offered every semester.

Prerequisites: PY2010; EC II.

PY3320 Peer Counseling 4 cr.
This course is a blend of scholastic study and practical training in precise questioning and listening skills. Students are educated in approaches to counseling and are trained to become proficient at entering into trained supportive relationships with their peers in a wide range of student-generated counseling services. Offered on demand.

Prerequisites: PY2010; EC II.

PY3330 Psychology of Addictions 4 cr.
This course presents addiction and recovery as a function of the dynamic interaction among biological, psychological and environmental factors. Addiction is discussed as neuropathy, psychopathology and maladaptive behavior. The basics of behavioral psychopharmacology are presented and discussed with regard to prescribed and self-administered drugs. Emphasis is placed on the role of personality in addiction from a psychodynamic/interpersonal perspective. Treatment and rehabilitation strategies developed out of this model as well as those developed out of cognitive-behavioral, 12-step, and psychopharmacological models are presented and integrated. Field visits...
to appropriate self-help groups and treatment centers may be required.

**PY3410  Cognitive Psychology**  
4 cr.  
Theoretical, conceptual and empirical issues in cognition will be examined from an information processing perspective. The course also includes a survey of neurophysiological aspects of perception, memory and cognitive processes. Offered once a year.  
Prerequisites: PY2010; EC II.

**PY3420  Learning and Motivation**  
4 cr.  
Explores major theoretical and empirical issues in the area of learning, classical and operant conditioning, and examines the role of motivation and emotion in learning. The course also surveys physiological, psychoanalytic and social learning theories of motivation and emotion. Offered once a year.  
Prerequisites: PY2010; EC II.

**PY3500  Junior Seminar: Preparation for Professional Studies**  
4 cr.  
This seminar introduces Junior level students to the steps, requirements and responsibilities of preparing for admission to graduate education in the mental health and allied educational counseling fields open to those who successfully complete a major in psychology. They will prepare and read materials relevant to the content of the seminar, aided in the preparation of portfolios and résumés intended to support their successful preparation of applications and be introduced to strategies for Graduate Record Exam preparation. Offered according to demand.  
Prerequisites: PY2010; 24 cr. in Psychology; permission of instructor.

**PY3510  Social Psychology**  
4 cr.  
Analysis of central issues and research methods including attitude formation and change, motivation and communication, interactions in group settings, group conflict, aggression and violence, social control, language and media, the individual and society. Confronting social norms and roles, conformity and social influence will also be explored. Offered once a year.  
Prerequisites: PY2010; EC II.

**PY3520  Group Process**  
4 cr.  
This is a course that combines theoretical work with experience in group setting. Theory and research on such variables as role differentiation, leadership formation, group size, stages of group development, patterns of communication, and the different functions and uses of groups will be explored. Experience in the group process will be included. Offered every other year.  
Prerequisites: PY2010; PY3510 recommended; EC II.

**PY3530  Forensic Psychology**  
4 cr.  
Forensic psychology is both a research endeavor and the professional practice of applying psychological information to legal issues. This course will discuss psychological research and practice concerning the following: the capacity to adequately parent, child custody evaluations, personal injury and psychological disability determinations, civil commitment assessment, dangerousness/risk assessment, specific intent and diminished capacity, competency to stand trial, assessing psychological suitability for police work and, psychological profiling.  
Prerequisites: PY2010; PY3310 recommended.

**PY3540  Environmental Psychology**  
4 cr.  
This course examines the ways in which our attitudes and beliefs influence our use and abuse of the environment and the impact of the environment on our psychological functioning. Technological problems such as acid rain and smog are seen as rooted in social, political and economic structures and in our perceptions about the world. The environmental movement in the past twenty years is examined in its social and historical context and the traditional perspectives that are normally given to us to explain ecological crises are challenged. Offered according to demand.  
Prerequisites: PY2010; EC II.

**PY3550  Social Psychology of Work**  
4 cr.  
Covers forms of industrial management, work satisfaction, theories of initiative, motivation and leadership, and focuses on the psychological issues raised by the relationship of organization of work to human need. Offered according to demand.  
Prerequisites: PY2010; EC II.

**PY3610  Brain & Behavior**  
4 cr.  
An introduction to biological psychology. Topics covered include the structure and function of nerve cells, brain anatomy, psychopharmacology, and the genetics of behavior. Complex behaviors examined include sleep, memory, speech, and emotional behaviors. Offered once a year.  
Prerequisites: PY2010 and either a second psychology course or BS2400; background in psychology or biology; EC II.

**PY 3620  Mood, Mentation & Medication**  
4 cr.  
This course examines the use of psychoactive medication in the treatment of psychiatric disorders. Basic principles of psychopharmacology are presented. Brain/behavior relationships in normal and abnormal functioning are reviewed with respect to neurotransmitter
pathways and the medications that affect them. Medication and psychotherapy integration is emphasized.

**PY3740  Psychology of Latinos**  
Explores the social, psychological, political and historical factors that impact on the psychological development of the various Latino groups in the United States. Emphasis will be placed on understanding the unique issues affecting each Latino group as well as those issues common to all Latino groups. Offered every other year.

Prerequisites: PY2010; PY3610 recommended; EC II.

**PY4010  History of Psychology**  
A consideration of the major problems, ideas, and schools of thought which form the basis of modern psychological theories and methods. Ideas of structuralism, idealism, functionalism, psychoanalysis, behaviorism, will be discussed as they relate to the development of psychological theory. Original sources will be read and discussed. Offered according to demand.

Prerequisites: PY2010; EMS.

**PY4020  Health Psychology**  
A broad, comprehensive review of theories, trends, research, and psychological interventions related to health and human behavior. Biological, psychological, and social factors involved in health issues will be discussed, along with a more pragmatic understanding of the connection between physical health and psychological processes and behavior. Specific health concerns to be discussed include stress and coping; cardiovascular diseases, cancer, diabetes, AIDS and other diseases of the immune system. The impact of socioeconomic status, race and ethnicity, and gender on health will also be examined. Offered once a year.

Prerequisites: PY2010, EMS.

**PY4100  Research Methods III: Advanced Research Skills**  
A senior-level research course with an emphasis on discipline-specific library research, critical analysis of the psychological literature, and use of statistics to analyze data. Students conduct an experimental or non-experimental study, analyze the results and write up the findings according to the Publication Manual of the American Psychological Association. Offered every semester.

Prerequisites: PY2010, PY3110, PY3120.

**PY4130  Field Experience and Research**  
Students engage in supervised field work in mental hospitals, clinics, hot-lines, and other psychologically oriented settings selected in consultation with program faculty. Meets as a seminar focusing on students’ experiences as examples of applications of key psychological concepts. Students also learn to develop research hypotheses and produce a research design relevant to their field setting. Course requires 4 hours per week taken concurrently with course. Offered every semester.

Prerequisites: PY2010, PY3110; EMS; completion of at least 24 credits in psychology; student must consult with instructor at time of registration.

**PY4210  The Exceptional Child**  
Presents a comprehensive introduction to childhood psychopathology. Major theories and research findings guide discussions of the various disorders of childhood and adolescence, and the treatment efforts aimed at ameliorating them. Atypical children and their behavior are viewed within the context of developmental processes, sequences and norms. Topics include pervasive developmental disorders, mental retardation, attention-deficit hyperactivity disorder, learning disabilities, anxiety disorders and eating disorders. The perspectives of parents and the role of schools in the process of assessing and classifying “special” children are examined. Offered once a year.

Prerequisites: PY2010, PY3110 or PY3220; EMS.

**PY4220  Middle Childhood and Adolescence**  
This course examines research and theories on physical, cognitive, personality and social development in humans from six years through adolescence. Topics include the self and identity, family, peer groups, schools and the media. The impact of socioeconomic background, culture, race and gender will be analyzed throughout. The application of theories and research for parents and educators and current issues and policy debates will be discussed.

Prerequisites: PY2010, PY3210 or PY3220; EMS.

**PY4230  The Psychobiology of Aging**  
Studies the physical, cognitive and neurological changes that take place during adulthood and in the process of aging and their impact on functional ability and disability. The physiological aging process as it interacts with gender and socioeconomic class is examined from a cross-cultural perspective, looking at both industrialized and developing countries. The changing needs of the individual in the context of these physical and cognitive changes are explored. Offered every other year.

Prerequisites: PY2010; EMS.

**PY4310  Theories of Personality**  
A survey of the major theories of personality and personality development, including psychoanalytic, behaviorist, cognitive, existential, and sociocultural theories. Offered once a year.

Prerequisites: PY2010; EMS.
PY4320  Counseling Psychology  4 cr.
This course is intended to be a survey of the nature of the counseling process. Screening, intake procedure, diagnosis, treatment planning, treatment models, and termination of treatment will be considered. The student who takes this course can be expected to gain the skills necessary for entry level agency interviewing positions. Offered once a year.
Prerequisites: PY2010; EMS; PY3310 or 4310 recommended.

PY4330  Behavior Modification  4 cr.
This course will consist of in-depth discussion of concepts and principles of behavior change, and their application in various settings (such as clinical, home, school and work settings). Cognitive-behavioral methods will also be discussed. Special emphasis will be placed on behavior change procedures, with numerous illustrations and some opportunities for students to practice the principles. Offered once a year.
Prerequisites: PY2010; EMS; PY3310, PY3420 or PY4210 recommended.

PY4340  Tests & Measurements  4 cr.
This course examines the major approaches to psychological and psychoeducational testing, including assessment of intelligence, cognitive and intellectual functioning, school achievement, career and vocational interests, and personality. Test construction, reliability, validity, and use of testing for selection purposes are discussed. Additional topics covered include appropriate uses of testing, test bias and potential abuses of testing, and other sociocultural issues relevant to testing.
Prerequisites: PY2010; EMS; PY3120 highly recommended.

PY4350  The Psychology of Violence  4 cr.
There is an epidemic of violence in the United States. This course uses a multidisciplinary approach to explore the multiple factors which cause and perpetuate violence in both public and private settings. The impact of the media, institutional racism, sexism and heterosexism on the incidence, prevalence and experience of violence is investigated. A range of violence prevention programs are evaluated. Offered once a year.
Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

PY4410  Educational Psychology  4 cr.
This course focuses on the psychological issues that are related to effective teaching and learning. Recent research in cognitive science is used to review the development of cognitive and meta-cognitive skills, language learning, reading and mathematical skills and strategies from the perspective of classroom strategies and practice.
Prerequisites: PY2010, PY3410, or PY3420; EMS.

PY4520  Family Dynamics  4 cr.
This course studies family structure, process and assessment from various perspectives such as psychoanalytic theory, family systems theory, and Afrocentric theory. The impact of culture, race, sexual orientation, social class, disability and institutional oppression on family functioning and family style are examined.
Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

PY4560  Psychological Traumatization: Causes, Consequences, Prevention and Treatment  4 cr.
The psychological impacts of violence (e.g., assault, war, terrorism) and natural and human-caused disasters (e.g., hurricanes, earthquakes, motor vehicle accidents, industrial accidents) on individuals, families, and communities are widespread and devastating. This course explores current understandings of the causes, symptoms, and psychological and biological mechanisms of psychological “traumatization.” The course will also examine social and psychological sources of the events that cause traumatization and community response to large scale disasters and violence, and will seek to place the current interest in traumatization in historical and cultural perspective. Offered according to demand.
Prerequisites: PY2010; PY3310 or PY4310; EMS.

PY4610  Clinical Neuropsychology  4 cr.
This course is intended to give an in-depth and extensive survey of the assessment, diagnosis, and treatment of pathologies such as schizophrenia, depression and Alzheimer’s Disease. The course will examine the neuropsychological bases of clinical pathology, the mechanism of drug action, and an introduction to clinical testing procedures. Offered according to demand.
Prerequisites: PY2010; either a second psychology course or BS2400; PY3610 recommended; EMS.

PY4720  Psychology of Women  4 cr.
An advanced course in the development of girls’ and women’s gender identity and the relevance of psychological theory and research to women’s political and socio-economic status and to agendas for change. The perspectives of women from diverse racial, cultural and socioeconomic background and with varying family relationships and sexual orientations will be included. Selected topics may include biological development, work, friendship, aging, the media, gender differences and violence and abuse.
Prerequisites: PY2010 and one other 3000-level psychology course or a Women’s Studies course or permission of Instructor; EMS.

PY4730  African-American Family Dynamics  4 cr.
This course explores the historical, social, political, and psychological factors which have an impact on the development and functioning of African-American families in the United States, with a focus on patterns of interaction. Emphasis is placed on the strengths, adaptability and healthy functioning of these families. Research, public policy, and media representations of African American families are critically
analyzed. Public policy issues will also be discussed in detail. Offered every other year.

**Senior Seminars**

All the 5000-level courses fulfill the requirement for Senior Seminar. These courses may be taken after students complete at least 24 credits in psychology; recommended to be taken concurrently or after completion of PY4100 or PY4110; EMS is required. At least one 5000-level course is offered every semester.

**PY5210 Advanced Perspectives in Developmental Psychology**  
4 cr.

This course provides an in-depth evaluation of theory and research about specific periods in the human lifespan, such as infancy and early childhood, middle childhood, adolescence, and young, middle and late adulthood. Major themes of the course may be identity and research strategies and designs used to study human development. The interaction of biological, cognitive, psychological and social factors, along with the impact of socioeconomic background, race and gender will be examined. Additional topics may include educational policies, moral behavior, relationships, and work.

Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

**PY5310 Approaches to Psychotherapy**  
4 cr.

A critical analysis of approaches to psychotherapy. Theoretical and practical issues are discussed in the seminar covering major applications of psychological theories to the practice of psychotherapy. Novel theories and techniques are considered, as well as more traditional models.

**PY5320 Advanced Issues in Clinical Psychology**  
4 cr.

An in-depth examination of selected current topics in clinical psychology. Topics include developments in personality theory, applications of personality theory to clinical practice, current theories of psychopathology and its treatment, trends in psychological assessment, and trends in mental health policy.

**PY5330 Topics in Personality Theory**  
4 cr.

An in-depth examination of selected topics in personality theory. Topics may include psychometric issues in personality measurement, classification of personality disorders, psychodynamic theory of personality development and change, cross-cultural issues in personality theory, clinical personality assessment and the interaction between personality and family and sociocultural context. This course is organized around the development, diagnosis and psychotherapy treatment of personality disorders. Students conduct a literature search and write a substantial paper in the area of the psychology of personality, which is presented in class.

Prerequisites: PY3110 and PY3120.

**PY5410 The Psychology of Language**  
4 cr.

This course examines language and language functions from a cross-cultural perspective. Students are introduced to the elements of psycholinguistics, neurobiology of language processing and comprehension, and the development and evolution of language systems.

Prerequisite: PY3410 recommended.

**PY5510 Advanced Issues in Social Psychology**  
4 cr.

This course will focus on areas of theory and research of current concern to social psychologists including the effects of rapid social transitions on the nature and content of psychological investigation. Content that may be covered in this course includes: rapid changes in technology and their impact on work and family, modern trends in the socialization processes within family and social institutions, communication and impact of media on social behavior, leadership, social conflict and group functioning, social power and persuasion.

**PY5520 Families & Public Policy**  
4 cr.

This course will focus on the impact of public policy on family structure and functioning. Policies related to education, child care, public assistance, housing and health care are among some of the issues which will be explored. Research in these areas as well as efforts being made by various organizations and advocacy groups to impact on public policy decisions will be critically examined.

**PY5610 Research Perspectives in Neuropsychology**  
4 cr.

This course explores current research into the biological substrates of normal cognitive functions such as memory, learning, attention and language and also of pathological states such as depression, schizophrenia and dementia. Other topics of review and discussion include the neuropharmacology of psychoactive drugs, neuropsychological assessment and evaluation techniques and other forms of intervention.

Prerequisite: BS2400 or PY3610 or PY4610 recommended.

**PY5770 Cross-Cultural Psychology**  
4 cr.

This course explores the impact of culture and cultural difference on the psychotherapeutic relationship. Culture will be defined broadly to include issues such as race, gender and sexual orientation. Basic interviewing and counseling skills will be introduced. Senior level psychology majors will be expected to discuss their feelings and understanding of various theoretical approaches as they negotiate role plays of counseling culturally diverse clients.

Prerequisite: PY2530 or PY4320 recommended.
PY9000  Teaching Assistant/Peer Tutor  
2-8 cr.
The TA program provides a peer support system for students enrolled in the research methodology courses. TAs provide one-on-one tutorial assistance with the conceptual and writing skills relevant to the research sequence. TAs actively participate in course-related activities such as library research, assisting with in-class activities, and preparing mini-lectures to present in class. Tutorial and meeting hours are arranged by the instructor. Credits offered range from a minimum of 2 to a maximum of 8, and are dependent on instructional need. 
Prerequisite: Recommendation of Instructor.

SOCIETY COURSES

All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

SY2500  Introductory Sociology  
4 cr.
Introduces basic concepts and perspectives in sociology. Such major social institutions as the family, education, politics, law, media, and religion are examined, together with such social processes as socialization, social change, social control, and social stratification. In addition, the course surveys some of the research methods and social theories in sociology. Designed as a general interest and general education course. Required for sociology and criminology majors. Offered every semester.
Prerequisite: EC I.

SY2570  Statistics for Social Sciences  
4 cr.
This course provides a basic understanding of statistical logic and methods for application to social science questions and research. Areas covered include basic mathematical representation of data, graphing, correlation analysis, algebraic formulas and linear regression. Students will gain experience using the Statistical Program for the Social Sciences (SPSS) for both descriptive and predictive analysis of data suited to quantitative analysis. Offered every year.
Prerequisites: MA 0500 or equivalent, EC I.

SY3550  Social Problems  
4 cr.
Examines the historical and contemporary roots of critical social problems such as poverty, unemployment, ecological despoliation, delinquency, population growth, etc. Also of concern are the social policies directed toward these problems and an examination of their present and future consequences. Offered every semester.
Prerequisite: EC II.

SY3600  Social Deviance  
4 cr.
Examines the patterns of deviant behavior in American society. Concentrates on the social construction of deviance: how various deviant labels are defined and applied (e.g. crime and mental illness) and the social consequences for those labeled. Students will also study the uses of moral, legal and medical models as fundamental ways of understanding both deviant behavior and the societal response to deviants. Offered every year.
Prerequisite: EC II.

SY3630  Political Sociology  
4 cr.
Examines the social structures and processes related to participation in the political life of society. Explores the problems the political order poses for different social classes and how institutions of power and authority are maintained in efforts to foster control and legitimacy. Offered every year.
Prerequisite: EC II.

SY3700  Family and Society  
4 cr.
Through historical and comparative analysis, studies the connection between courtship and marriage patterns and different economic systems. Students examine the emergence of the modern family system, changing patterns of mate selection and courtship and the relationship between general assumptions about sex roles and role allocation in marriage itself. Comparisons are drawn across cultures and across class, race and ethnic groups in American society. Offered every year.
Prerequisite: EC II.

SY3800  Sociology of Minorities  
4 cr.
Emphasizes the history, social structure and culture of racial national, ethnic and religious minorities. Includes such minority majority processes as interracial and intercultural conflict, domination and adaptation, accommodation and assimilation. Causes and consequences of prejudice, racism and discrimination and some ways of reducing intergroup tensions are included as are alternative models for pluralistic societies such as “melting pots” or “mosaics.” Offered every year.
Prerequisite: EC II.

206
**SY4060 Poverty and Social Welfare**  
Examines the social bases of poverty in capitalistic societies. Such dimensions of the larger social system as depressions, unemployment, discrimination, automation, migration and education are explored both individually and as elements of a social structure that imposes a condition of poverty on a large segment of the population. The different forms of social welfare are examined, showing how social welfare strategies are designed to benefit all levels of society. The impact of poverty on social groups and individuals and the ways in which they seek to cope with it are considered in terms of the social institutions in which they participate. The various efforts to reduce poverty, their social, ideological and political bases and their successes and failures are also considered. Offered alternate years.  
Prerequisites: SY2500, EMS.

**SY4160 Sociology of Culture**  
Provides a sociological approach to the study of culture. Material and non-material aspects of culture are explored through the study of language, science and technology, the various arts and media. Special attention is given to the culture-production process, the relationship of culture producers and consumers and the meaning of culture products in today's society. Debates about culture, culture policy, and culture change are analyzed in the course, and include the new research on visual culture and civic culture. Offered every year.  
Prerequisites: SY2500, EMS.

**SY4260 Social Work: Theory and Practice**  
Examines social work practice as a planned change process occurring within systems, i.e., one-to-one relationships, families, community groups. Provides a general overview of social work practice within the context of social welfare. Particular attention is paid to the structure and function of social welfare as an institution and to the development of concepts and techniques applicable to a wide variety of social work settings and situations. Addresses such issues as the types of opportunities in the field, necessary skills and the underlying value system. Offered every year.  
Prerequisite: SY2500, EMS.

**SY4270 Internship in Social Work, Sociology and Criminology**  
The internship program is designed for students who wish to develop practical skills and gain work experience in the fields of Social Work, Sociology and Criminology, integrating theory with professional experience. The students will have an opportunity to explore the professional world and to acquire training in their chosen area of specialization. The student in conjunction with the instructor will select a field internship and perform 90 hours of field work. Students meet regularly to discuss their experiences and progress. They will compile a portfolio of the work done on the internship and write a detailed report describing the agency and summarizing their work. The student will use psychological, sociological and criminological theories and research to explain complex social processes experienced during the field. Offered every year.  
Prerequisites: SY2500, EMS; Junior standing.

**SY4280 Social Inequality**  
This course analyzes the basic dimensions of structured social inequality, the unequal distribution of wealth, power, goods and services by class, race and gender. It studies different aspects of the impact of social inequality: for example, on environmental issues; social mobility; beliefs about the justice of inequality; social movements; crime, poverty and social policy. Offered every year.  
Prerequisites: SY2500, EMS.

**SY4320 Population and Society**  
The aim of this course is to provide a cross-cultural perspective on major population issues and problems. It involves an examination of national and world population trends and patterns, and their social, economic, and political implications. It will provide an introduction to major methods of demographic analysis and major components of population growth. A major emphasis is on the determinants and consequences of fertility, mortality and migration from a cross-cultural perspective with specific reference to countries in Europe, Canada, Latin America, Asia and Africa. The various population policies and their consequences are also considered. Offered every year.  
Prerequisites: SY2500, EMS.

**SY4400 Social Psychology**  
Introduces the social psychological theories of sociologists and anthropologists to show how culture and society shape and influence behavior. Focus is on theories of socialization, such as symbolic interaction, behaviorism, small group theories, perception, social exchange, etc. Consideration is given to cross-cultural examples. Offered every year.  
Prerequisites: SY2500, EMS.

**SY4500 Cross Cultural Analysis**  
The major aims of the course are to broaden student knowledge and perspectives of diverse cultures and the global society by using historical, anthropological, and sociological theories and methods. The course will review such social processes as socio-cultural evolution, development and revolution. We will do comparative analyses, and debate global issues and policies. The global issues include the environment, population, resources, and technology; global stratification, human rights, and peace and war in contemporary society. Offered every semester.  
Prerequisites: SY2500, EMS.
SY4520  Methods of Sociological Research  4 cr.
Focuses on the basic concepts and principles of sociological research. Issues of data collection are reviewed, including ethical and political questions related to sociology and criminology research, hypothesis formation and testing, questionnaire design, observational skills, content analysis, historical research, and ethnography. Students are exposed to basic statistics in social research. Offered every semester.
Prerequisites: SY2500, SY2570 or Math Proficiency; EMS.

SY4530  Sociological Theory I  4 cr.
Introduces the central concepts and theoretical frameworks of the founding figures of classical sociological theory: Marx, Durkheim, and Weber. By reading primary work by each theorist as well as secondary sources, students will learn the content of the theories, the theorists’ underlying assumptions, and the empirical bases of their analyses of society. Offered every semester.
Prerequisites: SY2500, EMS.

SY4540  Sociological Theory II  4 cr.
Introduces modern developments in sociological theory. Students will read both primary and secondary contemporary theoretical writings, studying how modern theory builds on and diverges from classical theories. Major fields of contemporary theory that may be covered include: functionalism, conflict theory, neo-Marxist theories, psychoanalytic theory, feminist theory and critical race theory. The emphasis is on understanding how each theorist approaches his/her own realm of inquiry as well as the actual idea systems created. Offered every semester.
Prerequisites: SY2500, SY4530 with a grade of C or better; EMS.

SY4560  Field Research  4 cr.
Students are acquainted with contemporary qualitative research methods, including field research, participant observation and life history interviewing, historical and documentary research, content analysis of records, documents and other cultural products. Published articles and other works using qualitative methods are reviewed. Theory, techniques and ethical issues are explored. Offered when resources are available.
Prerequisites: SY2500, EMS.

SY4570  Computers and Social Statistics  4 cr.
Provides students with an applied, social research experience, enhances or gives a first exposure to computer skills and offers introduction to statistical analysis using the Statistical Package for the Social Sciences (SPSS) and other statistical programs and microcomputers. Students construct their own research projects and analyze the data. Offered when resources are available.
Prerequisites: SY2500, EMS.

SY4600  Social Programs, Planning and Policy  4 cr.
Analyzes formation of social policy, its effectiveness as applied to specific social institutions and programs, as well as the impact of these programs on their target population. Broader issues of social policy within the context of political economic systems and ideologies, as well as the general structure of the American “Welfare State,” will be discussed, using cross-cultural comparisons. Offered every year.
Prerequisites: SY2500, EMS.

PSY4651  Sociology of Communications and Media  4 cr.
The sociological perspective is used to study communications media in contemporary society. Special emphasis is given to the social, political, and economic contexts of mass media. The course looks critically at media production, producers, products, and effects. Students will analyze and debate multi-media documents and learn to content analyze media images and texts. Offered every year.
Prerequisites: SY2500, EMS.

SY4700  Sociology of Education  4 cr.
Explores the general process of socialization - the induction of individuals into their culture - and education in its broadest sense. Particular focus is on the schools, the institutions of learning and socialization. The multiple functions of these institutions, as well as their structure as organizations are examined. Offered every year.
Prerequisites: SY2500, EMS.

SY4750  Medical Sociology  4 cr.
Explores the social forces defining and influencing health and illness. The organization and distribution of medical science and professionals are analyzed from a sociological perspective, with an emphasis on care for the poor, minorities, women, the disabled, and the aged. Alternatives to the present system of medical care in the U.S. are discussed, particularly in the context of health and medical care in other countries. Offered every year.
Prerequisites: SY2500, EMS.

SY4810  Law and Justice  4 cr.
This course focuses on the sociological understanding of how ideas of law and justice relate to issues of power, consensus, conflict and change in society. It examines the use of law as a tool in responding to different cultural groups in American society and examines the process and significance of judicial law-making under the U.S. Constitution, illustrated by case examples regarding first amendment
guarantees of religious freedom and political dissent, and civil rights issues of race, nationality, gender, sexuality and disability. Offered every year.

**SY4850 Urban and Suburban Sociology**
4 cr.
Introduces a variety of sociological perspectives on urbanization and community formation. The history of urban development is traced in terms of major social changes contributing to and resulting from the rise of cities. The expansion of cities into metropolitan regions is examined in relation to social processes in urban areas. Select problems that have arisen out of the American urban experience are considered together with such efforts to ameliorate them as urban renewal efforts and city and regional planning. Offered every year.

**Prerequisites:** SY2500, EMS.

**SY4900 Social Movements**
4 cr.
Provides an overview of the contemporary sociological models used to analyze the dynamics of protest among disenfranchised constituencies in the U.S. Cases are drawn largely from the history of African American protest movements of the 19th and 20th century in which activists have attempted to reconcile tensions between demand for civil rights and the more radical vision of nationhood. Government and counter-movement responses to protest are also examined. Offered every year.

**Prerequisites:** SY2500, EMS.

**SY4999 Issues in Sociology**
4 cr.
Gives students the opportunity to examine in greater depth the analysis and discussion of current specialized sociological work in the particular area defined by the instructor (as indicated in the schedule of classes). Offered every year. Students are permitted to take SY4999 Issues in Sociology for credit up to two times in which two distinct topics are covered.

**Prerequisites:** SY2500, EMS.

**SY5990 Senior Seminar**
4 cr.
This is the culminating senior-level research and writing experience for sociology and criminology majors. The course requires students to demonstrate the ability to apply sociological concepts and analysis to the study of a particular topic. To this end, each seminar will have a broad range of topics identified by the Instructor. The student will develop a research project within this range, and complete a major research paper. Offered every semester.

**Prerequisites:** Senior Standing, SY2500, SY4520, SY4530, and one additional foundation course with grades of C or better.

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**VISUAL ARTS COURSES**

All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated are offered in accordance with student demand.

**VA2000 Introduction to Art**
4 cr.
Studio course designed to introduce first-year students to exercises that challenge their assumptions of the creative process. This course will begin to provide students with the basic visual and verbal vocabulary to proceed to the next level in the Visual Arts curriculum. The exercises will be completed using both, the fundamentals of basic art techniques such as drawing, painting, modeling and fabricating, and references from contemporary art currents. Required for all Visual Arts majors. Offered every semester. Satisfies General Education Domain 2 requirement.

**Prerequisite:** EC I.

**VA2010 Introduction to Creative Thinking**
4 cr.
A must for students considering careers in advertising, publishing, communications or any other discipline regarding creative visual solutions. Students solve exercises designed to challenge the way we perceive reality through conditioning and stereotypes. A variety of skills are developed at the beginners level. The objective is to develop in the students the skills to make creative visual statements avoiding conventional thinking. Required for Art majors. Offered every semester. Previously called “Perception”. Satisfies General Education Domain 2 requirement.

**Prerequisite:** EC I.

**VA2020 Basic Design**
4 cr.
This studio course deals with the fundamental development of visual structures and the relationship among two, three, and four (time) dimensions. Through structured projects, beginning with point and visual rhythm, the course will explore line, plane, and color. Students will learn the fundamental principals to organizing these multi-dimensions as they relate to graphics, interior design, photography, etc. and how to make informed intelligent visual decisions. The relationship between the traditional crafts such as painting, sculpture and the new electronic media arts will be discussed and studied. Required for all art majors. Offered every semester. Satisfies General Education Domain 2 requirement.

**Prerequisite:** EC I.
VA2030 Drawing  4 cr.
The process of art from idea to final product. The emphasis is on visual notations, especially drawings. Deals with planning and studying feasibilities before actually entering production, allowing students to work through an idea. Required for all art majors. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC I.

VA2045 Introduction to Color  4 cr.
This class is for those who were always afraid of color and mystified on how color combinations work. The course will be a studio class using paint and paper working through a series of projects exploring: color theory and terminology, how it is applied to practical situations; the difference between subtractive systems as seen in the chemical world of paint and the additive system as demonstrated in electronic media and the calibration of computer monitors and color systems such as RGB, CYMK, etc. (a demonstration in the electronic media lab will cover this aspect); how harmonic-complementary and discordant uses of color are used in nature; after images and optical mixes of color; camouflage and how it works in nature and design; color in relation to 3-dimensional form and more. Students will be required to purchase supplies, which will cost approximately $100 to $150.

VA2400 Introduction to Photography  4 cr.
Beginning course for art-majors and non-art majors in photography. Emphasis is on photography as a system of visual and cultural representation. The history of photography and technical data are interspersed with shooting assignments and criticism. Basic darkroom instruction is included and students are expected to deliver printed photos of each assignment the following week. Students supply their own materials and should own a medium-quality 35-mm camera. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC I.

VA2500 Art History Survey I  4 cr.
This class begins with the history of Modern Art in 1750 in the context of the Enlightenment and the French Revolution. It covers the major movements in European Art from Neo Classicism, Romanticism, Realism, Impressionism, and Post-Impressionism. Artistic developments are presented within their historical and social contexts. We will study the changing role of art in society by considering the impact that dramatic political upheavals and the Industrial Revolution had on the idea and production of art. Offered once every year. Satisfies General Education Domain 2 requirement.

Prerequisite: EC I.

VA2510 Art History Survey II  4 cr.
This second part of the survey begins with the art of the twentieth century. It examines the many challenges to the definition and role of art that emerge from the major movements of the century such as Cubism, Surrealism, Dada, and Abstract Expressionism. The course traces the impact of photography, mass production, and politics on the role of art in our contemporary society. It also examines the split that occurs between artists who wish to make politically engaged art and artists who wish to make art for art's sake. Offered once every year. Satisfies General Education Domain 2 requirement.

Prerequisite: EC I.

VA2520 History of Photography  4 cr.
This course will study the chronological development of photography since its invention in the 19th century. We will review the principal developments of photography and its links with modernism. Recent developments in contemporary photography will be emphasized such as: photography and the emergence of postmodernism, photography and digital art, and mixed media environments. Offered occasionally.

Prerequisite: EC I.

VA3100 Visual Culture: Warhol to the Present  4 cr.
This course examines the role of art in a contemporary society inundated with visual imagery. We will situate the major art movements of the 1960s and 70s (Pop, Minimalism, Conceptual Art, and Performance) within the socio-historical context of the Civil Rights Movement and the Vietnam War. The course considers how contemporary art comments upon such diverse issues of race, gender and sexuality. We will also look at how the critic, the gallery, and the museum help to determine how art is defined. Required for all Art majors. Offered once every year. Satisfies General Education Domain 2 requirement.

Prerequisite: EC I.

VA3150 Primitivism and the Politics of Representation  4 cr.
This course examines the history of Western modern art's appropriation of the cultures and art of native peoples. We will look at artists such as Gauguin, Matisse, and Picasso, and movements such as Surrealism and Abstract Expressionism. We will examine the psychological and anthropological dimensions of primitivism and see how, historically, Modernism has been dependent upon the category of the "other". We will consider how this history emerges in contemporary art practice and how the legacy of primitivism lingers in popular culture, such as movies and advertising, continuing to contribute to racist imagery. Offered occasionally.

Prerequisite: EC I.
VA3200  Art Tutorials I  4 cr.
Art majors must meet in tutorial sessions with the instructor to discuss ongoing work in any media. Criticism is geared to development of self confidence in the creative process and to implement technical and productive solutions. All students are required to meet with collective faculty for collective criticism. Offered every semester. Required for all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will learn to analyze the creative process as it relates to the classroom; how to conceptualize, and plan projects that explore creativity.) Offered every semester.

Prerequisites: All foundation courses; EC I.

VA3340  Introduction to African Arts  4 cr.
An introduction to the traditional and contemporary arts of the African continent. We will explore the relationship of the visual arts and the complex historical, cultural and religious context of traditional African societies. Parts of the course will be devoted to contemporary arts in post-colonial Africa, transnational development and the internationalization of African arts and aspects of Diaspora arts. Offered occasionally.

Prerequisite: EC I.

VA3350  Topics in Contemporary Art  4 cr.
This course examines recent trends and developments in contemporary art. It discusses contemporary art's relation to other cultural and political developments. Topics will vary dependent upon contemporary museum and gallery exhibitions in New York. Offered occasionally.

Prerequisite: EC I.

VA3380  Digital Video  4 cr.
Students will obtain a strong foundation in video editing on the Macintosh computer through instruction in digitizing video, analog vs. digital video, creating titles, superimposing tracks, using transitions and filters, storyboarding, sound editing and composing time using moving visuals and sound. Video editing will be done with Final Cut Pro software. Students will have their own computer workstations and access to cameras, recorders, color scanners and printers. Offered every Fall.

Prerequisite: EC I.

VA3400  Digital Imaging  4 cr.
Photoshop is the most advanced computer photo imaging program available. The class deals with introduction to the mouse, tools, modes, scanning and hardcopy outputs. The concepts of manipulating the photograph are dealt with through a structured series of projects. This class is a must for anyone considering a career in communications, publishing, advertising and the visual arts. Class limited to ten students only. Offered every semester.

Prerequisites: All foundation courses or permission of the Instructor; EC I.

VA3500  Studio Workshop  4 cr.
A hands-on technical workshop which should be taken simultaneously with the Art Tutorial sequence. This course, which can be repeated, teaches art majors the techniques necessary to construct individual art projects. Students select, as necessary, from a variety of media, both 2-D and 3-D such as painting, print making, sculpture, low-fire ceramic, casting, etc. Offered every semester.

Prerequisites: All foundation courses or permission of the Instructor; EC I.

VA4200  Art Tutorials II  4 cr.
(See description under VA3200 Art Tutorials I) Offered every semester. Required for all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will focus on how to teach the creative process. Materials, techniques, and theory of criticism will be covered.) Offered every semester.

Prerequisites: All foundation courses; VA3200; EC I.

VA4242  Print Design  4 cr.
The focus of this course is on page layout and design on the computer. Emphasis is placed on a creative approach to 2D design. The principle software used for the course is Adobe In Design with some exposure to Adobe Illustrator and Adobe Photoshop. These software applications are the tools for creative design for print. Students will obtain a strong foundation in desktop publishing through the use of typography, scanning, and book design. Offered every semester.

Prerequisite: EC I.

VA4260  Interactive Web Design  4 cr.
This course will cover design methods for creating interactive projects for the Web and CD-Roms using Photoshop and Flash. Students will gain a comprehensive understanding of HTML (hyper text mock-up language), interface design and graphics protocol for publishing interactive sites on the Internet. Offered every Fall.

Prerequisites: VA4242 or VA3400; EC I.

VA4265  3D Digital Design  4 cr.
This course will cover 3D modeling and an introduction to 3D animation. 3D software will be taught as a tool for creating virtual 3D environments, 3D characters and object designs. The majority of the semester will focus on modeling spaces and objects. From these projects students will be introduced to methods of animating their models. Offered every Spring.

Prerequisite: EC I.
VA4310  Clay Workshop  
Problems assigned to allow students a wide range of experimental possibilities in clay sculpture. Techniques include slab and coil building, casting and the firing of those projects. Offered occasionally. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4330  Life Drawing  
Familiarizes students with various perceptions of the body as depicted visually. The course not only deals with drawing the human body, but also with the relation of form and function and its design implications, the relation of body and objects usable by the body, the outer shell of the body and alternative structures to determine that shell. Live models. Offered once every two years. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4331  Advanced Drawing Workshop  
A second level drawing course that focuses on the development of drawing as a unique art form, allowing the student to ultimately make aesthetic decisions and stylistic choices on a secure technical basis. Drawing will be examined in its relationship to painting and sculpture, as well as design and performance notation. Various media possibilities include pen and ink, pencils and pastels, charcoal, oil sticks and graphite. First half of semester will focus on skills and techniques, second half on portfolio development. Course requires presentation of drawing portfolio for final grade. Students must provide their own art materials. Offered once every two years. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4340  Painting  
A studio course in which students who are serious about painting can concentrate on a particular style or medium and develop a body of work. Emphasis on developing a painting as part of the daily experience. The work should be ambitious enough so that it has to continue after the course is over. Offered once a year. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4360  Advanced Electronic Media Seminar  
Advanced Electronic Media Seminar provides advanced study in electronic media graphic design time based media or 3-D design. 
4 cr. 
Prerequisites: Two courses in Electronic Media.

VA4390  Mixed Media  
A studio course offered to allow students to develop multimedia works using a variety of materials, found objects and techniques on any one piece. Wood, metal, ceramic, drawing and painting studios, and the necessary equipment for each studio, are available. Students are encouraged to investigate large scale, contemporary developments such as earth works, outdoor installations, documentation of events, performance, etc. Emphasis is on preliminary drawings for production and presentation. Offered every other year. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4420  Sculpture  
Sculpture using welding, carving, casting, and fabrication techniques in a variety of materials: metal, wood, plaster, clay, plastic, etc. Instruction is oriented toward the creative process, as well as a technical proficiency, using a wide range of hand and power tools with an experienced shop supervisor. Offered once a year. 
4 cr. 
Prerequisites: Foundation courses or permission of Instructor; EC I.

VA4460  Digital Animation  
This course will teach the principles of storyboarding, digital imaging, Stop-frame animation, Cel animation, Keyframe animation and sound. Utilizing Adobe Photoshop and Macromedia Flash students will conceptualize, design, draw and compose digital animations. Offered every Spring. 
4 cr. 
Prerequisite: EC I.

VA4870  TV Production and Editing  
This is an introductory course that explains various methods of elementary editing on video. Participants learn how to edit on a basic 1/2" Offline system and also on a 3/4" Offline system by hands on training. Instruction is given on how to edit different types of television shows and the actual preparation of a commercial spot. Screenings of various films in conjunction with discussion on techniques used in editing. Offered every semester. 
4 cr. 
Prerequisites: VA3380, VA4380 or permission of Instructor; EC I.

VA4880  Advanced TV Production and Editing  
This course is geared for the student who has basic knowledge of video. It is a more hands on postproduction class, which also allows the student to utilize both technical and aesthetic skills. Discussion on the use of video formats used in producing television shows and industrials and preparing edit lists for an on-line session. Students will work in small teams editing a trailer for a feature film and/or editing a commercial spot. Offered every semester. 
4 cr. 
Prerequisite: VA4870 or permission of Instructor; EC I.
VA4900  Internship  4 cr.
Students intent on becoming professional artists will use this Internship to work with an established artist. Students interested in peripheral art activities will use this Internship in a professional area close to his/her interest. Offered every semester. Required of all Art majors; 100 hrs. minimum.
Prerequisites: All foundation courses; EC I.

VA5200  Art Tutorials III  4 cr.
(See description under VA3200 Art Tutorials I) Offered every semester. Required of all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will focus on research skills, delving into the value of the creative process in art, as it applies to problem solving, and the relationship of the creative process in art as it relates to other fields and disciplines.) Offered every semester.
Prerequisites: All foundation courses; VA3200; VA4200; EC I.

VA5900  Senior Project  4 cr.
Upon recommendation of the VA faculty and with the student holding a minimum GPA of 3.0 in Art Tutorials II and Art Tutorials III, the Student will create art work for an exhibition at the campus' Amelie A. Wallace Gallery.
Other Art Majors who have finished the Art Tutorial sequence, but are not recommended for a final exhibition, will instead write a final Senior Thesis. This thesis will address an art topic to be decided on, in consultation with the Visual Arts Faculty. Teacher Education majors who have selected the Visual Arts concentration will use Senior Project as an opportunity to assemble a final portfolio of sample art projects, a written journal of classroom observations and techniques and a research paper on the possibilities of integrating the art process into the classroom as a learning tool.
Seniors passing Senior Project – Art Exhibition will receive recommendations for MFA programs. Students choosing to graduate with a thesis will be recommended into MA programs. Offered every semester.
Prerequisites: VA3200, VA4200 and VA5200, approval by faculty after VA5200; EC I, Senior Standing.

VA9990  Independent Study in Photography  4 cr.
Students work on an art project requiring photographic solutions. Students supply their own materials and should own a medium quality, 35 mm camera. Offered occasionally.
Prerequisites: All foundation courses; VA3200; EC I and permission of Instructor.

VA9990  Independent Study in Art Gallery Management  4 cr.
Students participate in the development of the Amelie A. Wallace Gallery exhibition program learning, through direct experience and special projects, how to run an art gallery. Offered every semester. Can be repeated as Independent Study.
Prerequisites: Eight credits in art history, including VA3100 and permission of Instructor; EC I.

VA9990  Independent Study/Internship in Darkroom Management  4 cr.
Student works closely with the professor in supervising all aspects of the darkroom. This ranges from scheduling other interns; allocation and distribution; of chemicals, supervision of darkroom equipment and repair of enlargers, etc.; researching photo supply houses; guiding students through technical problems. Offered every semester.
Prerequisites: Knowledge of photography required; VA3400 and permission of Instructor.

WOMEN'S STUDIES

WS4900  Internship in Women's Studies  4 cr.
Women's Studies internships offer an opportunity to apply what a student has learned in Women's Studies courses to "real-life" situations, to help organizations and companies working on women's issues, and to gain valuable experience and contacts that can help in finding meaningful full-time employment. Students keep a journal and write a 10-15 page paper on their experience.
Prerequisites: AS1512, and permission of a member of the Women's Studies Coordinating Committee.
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215
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Ph.D., New School for Social Research

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B.A., M.A., CUNY/Queens College
Ed.D., Columbia University

Elizabeth Ewen, Distinguished Teaching Professor, American Studies
B.A., University of Wisconsin
Ph.D., SUNY/Stony Brook
Chancellor’s Award for Excellence in Teaching 1976-77

Maureen Feder-Marcus, Associate Professor, History and Philosophy
B.A., CUNY/Queens College
M.A., Ph.D., New York University

Jesse Fernandez, Distinguished Teaching Professor, Modern Languages
B.A., M.A., CUNY/Hunter College
D.P.S., Pace University

Annette Forti, Professor, School of Business (Marketing)
B.S., M.B.A., New York University
Ph.D., Fordham University

John Friedman, Assistant Professor, American Studies
B.A., M.S., Columbia University
Ph.D., New York University

Amanda Frisken, Associate Professor, American Studies
B.A., McGill University
M.A., Ph.D., SUNY/Stony Brook

Anthony Galatianos, Associate Professor, Mathematics, Computer and Information Science
B.A., M.A., CUNY/Queens College
M.S., CUNY/City College
Ph.D., City University of New York

David Goldstein, Instructor, School of Business (Accounting)
B.S., George Washington University
M.S., Long Island University, C.W. Post
C.P.A.

Julio Gonzalez Martinez, Associate Professor, School of Education
B.A., Loyola University
M.Ed., Ed.D., University of Massachusetts/Amherst

John Gottfried, Senior Assistant Librarian
B.A., Purdue University
M.S., M.B.A., University of Colorado
M.L.S., Indiana University

Mary Grabher, Visiting Instructor, English
B.A., M.A., CUNY/Queens College

Kathleen Greenberg, Assistant Professor, Psychology
B.A., CUNY/Queens College
M.A., Ph.D., Adelphi University

Christine Griffin, Associate Professor, Visual Arts
B.F.A., College of New Rochelle
M.A., Columbia University
Chancellor's Award for Excellence in Teaching 1985-86
Karl Grossman, Professor, American Studies
B.S., Empire College
M.A., New School for Social Research

Fernando Guerrero, Assistant Professor, Modern Languages
B.A., M.A., University of Deusto, Bilbao
Ph.D., SUNY Stony Brook

Naresh Gupta, Professor, Mathematics, Computer and Information Science
B.S., Punjab University
B.E., Indian Institute of Science
M.S., Ottawa University
Ph.D., Polytechnic Institute of Brooklyn

Costas Hadjicharalambous, Assistant Professor, School of Business (MMIS)
B.Sc., Athens Graduate School of Economics & Business
M.B.A., Baruch College
M.Phil., Ph. D., The Graduate Center, City University of New York

Lili Hai, Assistant Professor, Mathematics, Computer and Information Science
B.S., Beijing University
M.S., North China Institute of Computing Technology
Ph.D., New Jersey Institute of Technology

Joseph Harris, Associate Professor, Industrial and Labor Relations
(Politics, Economics and Law)
B.A., University of California, Berkeley
M.A., Ph.D., University of California, Riverside

Narayan Hegde, Professor, English
B.A., Maharaja's College, Mysore, India
M.A., University of Mysore, India
Ph.D., SUNY/Stony Brook

Jacob Heller, Associate Professor, Sociology
B.S., M.A., Ph.D., SUNY/Stony Brook

Barbara Hillery, Associate Professor, Chemistry/Physics
B.A., University of Virginia, Charlottesville
Ph.D., The American University
Chancellor's Award for Excellence in Teaching 2003-04

Christopher Hobson, Associate Professor, English
B.A., Harvard University
M.A., University of Chicago
Ph.D., City University of New York

Robert M. Hoyle, Distinguished Teaching Professor, Chemistry/Physics
B.S., Long Island University
M.S., Ph.D., Rutgers University

Amy Hsu, Assistant Professor, School of Education
B.A., M.S., Adelphi University
Ed.D., Hofstra University

Hua-Wei Huang, Assistant Professor, School of Business
(Accounting)
B.A., National Cheng-Kung University, Taiwan
M.A., Chinese Culture University, Taiwan
Ph.D., Florida International University

Rebecca Kalman, Associate Professor, Politics, Economics and Law
B.A., Boston University
M.S., Bank Street College of Education
M.A., Ph.D., New School for Social Research

Sylvie Kande, Associate Professor, History and Philosophy
License, University of Paris IV
Matrise, University of Paris IV
Doctorat, University of Paris VII

Maureen Keefe, Lecturer, School of Business (Finance)
B.S., Syracuse University School of Management
M.B.A., Columbia University Graduate School of Business

Mervyn Keizer, Professor, English
B.A., University of Toronto
A.M., Ph.D., Harvard University

Myong-Hi Kim, Associate Professor, Mathematics, Computer and Information Science
B.S., Yonsei University, Korea
Ph.D., City University of New York

William Knack, Associate Professor, Psychology
B.A., Adelphi University
M.A., Ph.D., Hofstra University

Laurence Krause, Associate Professor, Politics, Economics and Law
B.A., CUNY/Queens College
M.A., Ph.D., University of Massachusetts at Amherst

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A.B., Syracuse University
M.A., Ph.D., University of Pennsylvania
Chancellor's Award for Excellence in Teaching 1999-00

Cary Lange, Instructor, School of Business (Accounting)
B.S., M.S., Long Island University, C.W. Post
M.B.A., Baruch College — City University of New York
A.B.D., Graduate Center — City University of New York

Jong Pil Lee, Distinguished Service Professor, Mathematics, Computer and Information Science
B.S., Chenguk National University
M.A., Bowling Green State University
Ph.D., University of Alberta

Hedva Lewittes, Professor, Psychology
B.A., Brandeis University
M.A., Teachers College/Columbia University
Ph.D., Stanford University

Eloise Linger, Assistant Professor, Politics, Economics and Law
B.A., Federal City College
M.A., Ph.D., New School for Social Research

Martha Livingston, Associate Professor, Biological Sciences
B.A., CUNY/Brooklyn College
M.A., University of Saskatchewan, Canada
Ph.D., SUNY/Stony Brook
Chancellor's Award for Excellence in Teaching 2002-03

James Llana, Associate Professor, History and Philosophy
B.A., Columbia University
M.A., City University of New York
M.A., Ph.D., Indiana University

Judith Lloyd, Professor, Chemistry/Physics
B.A., SUNY/Binghamton
Ph.D., Ohio State University

Peter Lucido, Assistant Professor, School of Business (Accounting)
B.S., SUNY/Albany
J.D., Fordham University
LL.M., New York University

Zenaida Madurka, Associate Professor, Modern Languages
B.A., Dowling College
M.A., Ph.D., SUNY/Stony Brook
Fran Malkin, Visiting Instructor, School of Education, Modern Languages  
B.A., Union College  
M.A., Teachers College, Columbia University  

Xavier Maréchaux, Assistant Professor, School of Education, History and Philosophy  
M.A., Ph.D., Université de Paris I, Panthéon-Sorbonne

Manya Mascareno, Assistant Professor, Biological Sciences  
B.S., M.A., University of Jammu, India  
Ph.D., SUNY, Health Science Center at Brooklyn

Andrew Mattson, Instructor, American Studies  
B.A., Oberlin College  
A.B.D., City University of New York

Eileen McCarthy, Assistant Professor, School of Education  
B.A., Pace University  
M.S., SUNY/Albany  
Ph.D., Syracuse University

Patricia McLaughlin, Assistant Professor, Visual Arts  
B.A., Syracuse University  
M.F.A., Hunter College

Marie Metlay, Associate Professor, Biological Sciences  
B.A., CUNY/Brooklyn College  
M.A., Hofstra University  
Ph.D., SUNY/Stone Brook

Fred Millan, Associate Professor, Psychology  
B.A., New York University  
M.A., Ed.M., Ph.D., Teachers College/Columbia University  
Chancellor's Award for Excellence in Teaching 2001-02

Trevor Milton, Assistant Professor, Sociology  
B.A., Richmond, the American International University in London  
M.A., Ph.D., New School for Social Research

Laurette Morris, Assistant Professor, Psychology  
B.A., Stanford University  
M.A., M.A., Ph.D., SUNY/Stone Brook

Basabi (Runi) Mukherji, Professor, Psychology  
B.S., Indian Institute of Technology at Kharagpur  
M.S., Indian Institute of Technology at Bombay  
Ph.D., SUNY/Stone Brook

Albert Murphy, Assistant Professor, School of Business (Finance)  
B.S., University of West Indies  
M.S., M.Phil., CUNY/Baruch College  
Ph.D., CUNY Graduate Center

Fernando Nieto, Associate Professor, Biological Sciences  
B.S., University of Complutense of Madrid  
M.A., CUNY/City College  
Ph.D., City University of New York

Kathleen T. O'Connor-Bater, Assistant Professor, Modern Languages  
B.A., University of Pennsylvania  
M.L.A., Johns Hopkins University  
M.Ed., Teachers College, Columbia University  
M.Phil., Ph.D., Columbia University

Barbara Olsen, Associate Professor, School of Business (Marketing)  
B.S., SUNY/New Paltz  
M.A., Ph.D., New School for Social Research  
Chancellor's Award for Excellence in Teaching 1995-96

Michael Onorato, Lecturer, School of Business (Management)  
A.A.S., State University of New York at Farmingdale  
B.S., M.B.A., St. John's University

Kevin Ozgercin, Assistant Professor, Politics, Economics & Law  
B.A., SUNY College at Old Westbury  
Ph.D., Graduate Center - City University of New York

Diana Papademas, Associate Professor, Sociology  
B.A., M.A., Ph.D., Syracuse University

Lillian Park, Assistant Professor, Psychology  
B.A., Ph.D., University of California, Berkeley

Nicholas Powers, Assistant Professor, English  
B.A., Emerson College  
Ph.D., CUNY Graduate School

Ethan Pribble, Assistant Professor, Mathematics, Computer and Information Science  
B.S., University of Oregon  
Ph.D., Northwestern University

Stephen Pryor, Associate Professor, Biological Sciences  
B.A., M.P.H., Ph.D., University of Texas

Duncan Quarless, Associate Professor, Chemistry/Physics  
B.S., CUNY/Staten Island  
M.S., Ph.D., SUNY/Stone Brook  
Chancellors Award for Excellence in Teaching 2007

Carol Quirke, Assistant Professor, American Studies  
B.A., Carleton College  
Ph.D., CUNY Graduate Center

Virgilija Remeza, Visiting Instructor, Biological Sciences  
B.A., M.S., CUNY/Hunter College

Steve Samuel, Visiting Associate Professor, Chemistry/Physics  
B.S., University of West Indies, Jamaica  
M.A., Ph.D., Clark University

Frank Sanacory, Assistant Professor, Mathematics, Computer and Information Science  
B.S., Penn State University  
Ph.D., University of South Carolina

Thomas Savas, Assistant Professor, School of Education  
B.A., College of William & Mary  
M.A., M.A.T., Binghamton University  
Ph.D., Ohio State University

Caroline Sawyer, Associate Professor, History and Philosophy  
B.A., Hampshire College  
M.A., University of Texas at Austin  
M.Phil., Ph.D., Columbia University

Werner Sbaschnik, Senior Assistant Librarian  
B.A., St. John's University  
M.S., Long Island University

Basilio Serrano, Professor, School of Education  
B.S., M.S., CUNY/City College  
Ph.D., New York University

Zhihong Shi, Assistant Professor, School of Business (Finance)  
B.A., Xiamen University  
M.B.A., Ph.D., CUNY/Baruch College

Elena Smirnova, Assistant Professor, School of Business (Finance)  
M.A., University of Connecticut  
M.B.A., Baruch College — City University of New York  
Ph.D., Graduate Center — City University of New York

George Snedeker, Associate Professor, Sociology  
B.A., Pace University  
M.A., Hunter College  
Ph.M., Ph.D., City University of New York

Andrew Mattson, Visiting Instructor, School of Education, Modern Languages  
B.A., Union College  
M.A., Teachers College, Columbia University

Xavier Maréchaux, Assistant Professor, School of Education, History and Philosophy  
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Manya Mascareno, Assistant Professor, Biological Sciences  
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Ph.D., SUNY, Health Science Center at Brooklyn

Andrew Mattson, Instructor, American Studies  
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A.B.D., City University of New York

Eileen McCarthy, Assistant Professor, School of Education  
B.A., Pace University  
M.S., SUNY/Albany  
Ph.D., Syracuse University

Patricia McLaughlin, Assistant Professor, Visual Arts  
B.A., Syracuse University  
M.F.A., Hunter College

Marie Metlay, Associate Professor, Biological Sciences  
B.A., CUNY/Brooklyn College  
M.A., Hofstra University  
Ph.D., SUNY/Stone Brook

Fred Millan, Associate Professor, Psychology  
B.A., New York University  
M.A., Ed.M., Ph.D., Teachers College/Columbia University  
Chancellor's Award for Excellence in Teaching 2001-02

Trevor Milton, Assistant Professor, Sociology  
B.A., Richmond, the American International University in London  
M.A., Ph.D., New School for Social Research

Laurette Morris, Assistant Professor, Psychology  
B.A., Stanford University  
M.A., M.A., Ph.D., SUNY/Stone Brook

Basabi (Runi) Mukherji, Professor, Psychology  
B.S., Indian Institute of Technology at Kharagpur  
M.S., Indian Institute of Technology at Bombay  
Ph.D., SUNY/Stone Brook

Albert Murphy, Assistant Professor, School of Business (Finance)  
B.S., University of West Indies  
M.S., M.Phil., CUNY/Baruch College  
Ph.D., CUNY Graduate Center

Fernando Nieto, Associate Professor, Biological Sciences  
B.S., University of Complutense of Madrid  
M.A., CUNY/City College  
Ph.D., City University of New York

Kathleen T. O'Connor-Bater, Assistant Professor, Modern Languages  
B.A., University of Pennsylvania  
M.L.A., Johns Hopkins University  
M.Ed., Teachers College, Columbia University  
M.Phil., Ph.D., Columbia University

Barbara Olsen, Associate Professor, School of Business (Marketing)  
B.S., SUNY/New Paltz  
M.A., Ph.D., New School for Social Research  
Chancellor's Award for Excellence in Teaching 1995-96

Michael Onorato, Lecturer, School of Business (Management)  
A.A.S., State University of New York at Farmingdale  
B.S., M.B.A., St. John's University

Kevin Ozgercin, Assistant Professor, Politics, Economics & Law  
B.A., SUNY College at Old Westbury  
Ph.D., Graduate Center - City University of New York

Diana Papademas, Associate Professor, Sociology  
B.A., M.A., Ph.D., Syracuse University

Lillian Park, Assistant Professor, Psychology  
B.A., Ph.D., University of California, Berkeley

Nicholas Powers, Assistant Professor, English  
B.A., Emerson College  
Ph.D., CUNY Graduate School

Ethan Pribble, Assistant Professor, Mathematics, Computer and Information Science  
B.S., University of Oregon  
Ph.D., Northwestern University

Stephen Pryor, Associate Professor, Biological Sciences  
B.A., M.P.H., Ph.D., University of Texas

Duncan Quarless, Associate Professor, Chemistry/Physics  
B.S., CUNY/Staten Island  
M.S., Ph.D., SUNY/Stone Brook  
Chancellors Award for Excellence in Teaching 2007

Carol Quirke, Assistant Professor, American Studies  
B.A., Carleton College  
Ph.D., CUNY Graduate Center

Virgilija Remeza, Visiting Instructor, Biological Sciences  
B.A., M.S., CUNY/Hunter College

Steve Samuel, Visiting Associate Professor, Chemistry/Physics  
B.S., University of West Indies, Jamaica  
M.A., Ph.D., Clark University

Frank Sanacory, Assistant Professor, Mathematics, Computer and Information Science  
B.S., Penn State University  
Ph.D., University of South Carolina

Thomas Savas, Assistant Professor, School of Education  
B.A., College of William & Mary  
M.A., M.A.T., Binghamton University  
Ph.D., Ohio State University

Caroline Sawyer, Associate Professor, History and Philosophy  
B.A., Hampshire College  
M.A., University of Texas at Austin  
M.Phil., Ph.D., Columbia University

Werner Sbaschnik, Senior Assistant Librarian  
B.A., St. John's University  
M.S., Long Island University

Basilio Serrano, Professor, School of Education  
B.S., M.S., CUNY/City College  
Ph.D., New York University

Zhihong Shi, Assistant Professor, School of Business (Finance)  
B.A., Xiamen University  
M.B.A., Ph.D., CUNY/Baruch College

Elena Smirnova, Assistant Professor, School of Business (Finance)  
M.A., University of Connecticut  
M.B.A., Baruch College — City University of New York  
Ph.D., Graduate Center — City University of New York

George Snedeker, Associate Professor, Sociology  
B.A., Pace University  
M.A., Hunter College  
Ph.M., Ph.D., City University of New York

220
Jing Yi Song, Associate Professor, History and Philosophy  
B.A., Beijing University of Foreign Studies  
M.A., University of Denver  
Ph.D., CUNY Graduate Center

Joanne Spadaro, Senior Assistant Librarian  
B.A., SUNY College at Old Westbury  
M.A., M.S.I.S., SUNY/Albany

George B. Stefano, Distinguished Teaching Professor, Biological Sciences  
B.S., Wagner College  
M.S., Ph.D., Fordham University  
1991 New York Professor of the Year (CASE)

Diana Sukhram, Assistant Professor, School of Education  
B.A., University College of Belize  
M.Ed., Slippery Rock University  
Ph.D., University of Illinois at Urbana-Champaign

Sirousse Tabriztchi, Associate Professor, School of Business (Finance)  
B.A., Tehran University  
M.A., CUNY/Lehman College  
M.B.A., Ph.D., Columbia University

Geta Techanie, Assistant Professor, Mathematics, Computer and Information Science  
B.S., M.S., Addis Ababa University, Ethiopia  
Ph.D., University of North Carolina at Charlotte

Henry Teoh, Distinguished Service Professor, Chemistry/Physics  
B.S., University of Rangoon  
M.A., Ph.D., University of Texas

Ana Tiscornia, Assistant Professor, Visual Arts  
B.A., Instituto Alfredo Vazquez Acevedo  
M.A., Escuela de Grabado de Montevideo

Margaret Torrell, Instructor, English  
B.A., M.A., Long Island University, C.W. Post

Naintara Vaid, Associate Professor, Sociology  
M.A., Ph.D. University of Rajasthan, Jaipur India  
M.Phil., University of Toronto  
M.S., M.S.W., Ph.D., University of Southern California

Kathleen Velsor, Associate Professor, School of Education  
B.A., The Lindenwood Colleges  
M.A., Lehigh University  
Ph.D., University of Cincinnati

Barbara Walsh, Associate Librarian  
B.A., SUNY/Genesee  
M.L.S., CUNY/Queens College  
M.A., SUNY/Stony Brook

Judith Walsh, Professor, History and Philosophy  
B.A., Barnard College  
M.A., Ph.D., Columbia University

Lynn Walsh, Associate Professor, School of Business (Management)  
B.A., North Central College  
M.S., Long Island University  
Ph.D., New York University  
Chancellor’s Award for Excellence in Professional Service 1979-80  
Chancellor’s Award for Excellence in Teaching, 1998-99

Denton Watson, Associate Professor, American Studies  
B.A., University of Hartford  
M.S.C., Graduate School of Journalism, Columbia University

Lisa Whitten, Associate Professor, Psychology  
B.A., University of Michigan  
Ph.D., Adelphi University  
Chancellor’s Award for Excellence in Teaching 1995-96

Kenneth Winkelman, Assistant Professor, School of Business (Accounting)  
B.S., SUNY/Buffalo  
J.D., Hofstra University  
L.L.M., New York University School of Law

Konrad Wu, Professor, Chemistry/Physics  
B.S., Fu-jen University  
Ph.D., SUNY/Albany

Ryoko Yamamoto, Assistant Professor, Sociology  
B.A., Sophia University  
M.A., University of Missouri-Columbia  
Ph.D., University of Hawaii at Manoa

Lan Zhao, Professor, Mathematics, Computer and Information Science  
B.S., Changqing University, China  
M.Sc., Ph.D., Brown University

Jishan Zhu, Assistant Professor, School of Business (MMIS)  
M.A., Ph.D., University of Iowa

Gilda Zwerman, Professor, Sociology  
B.A., SUNY/Cortland  
Ph.D., New York University  
Chancellor’s Award for Excellence in Teaching 1992-93

Professors Emeriti

Rajan Anantharaman, Professor Emeritus, Mathematics, Computer and Information Science  
B.A., M.A., St Joseph’s College at Trichy (India)  
Ph.D., University of Alberta

Everard Barrett, Associate Professor Emeritus, Mathematics, Computer and Information Science  
B.S., City College/CUNY  
M.S., Adelphi University

Anne Barstow, Professor Emerita, History and Philosophy  
B.A., University of Florida  
M.A., Union Theological Seminary  
M.S., Ph.D., Columbia University

Constance J. Batty, Associate Professor Emerita, School of Education  
B.S., SUNY/Fredonia  
M.S., Hofstra University  
Ed.D., University of Massachusetts at Amherst

Luis E. Camnitzer, Professor Emeritus, Visual Arts  
Sculptor, School of Fine Arts/University of Montevideo  
Sculpture and Printmaking, Academy of Munich

Philip A. Camponeshchi, Associate Professor Emeritus, History and Philosophy  
B.S., St John’s College  
LL.B., University of Maryland

Lourdes Collantes, Librarian Emerita  
A.B., University of the Philippines  
M.L.S., M.Ed., Ph.D., Rutgers University  
Chancellor’s Award for Excellence in Librarianship 1993-94
Jonathan H. Collett, Professor Emeritus, History and Philosophy  
B.A., Haverford College  
M.A., Ph.D., Columbia University

Joseph Conforti, Distinguished Teaching Professor Emeritus, Sociology  
B.A., M.A., Ph.D., Rutgers University

Afida Merle Derby, Assistant Professor Emerita, American Music, Dance & Theatre  
B.A., CUNY/Hunter College  
M.A., New York University

Emilia Doyaga, Distinguished Teaching Professor Emerita, History and Philosophy  
B.A., CUNY/Hunter College  
M.A., Columbia University  
Diploma de estudios hispanicos, Universidad de Oviedo  
Ph.D., New York University

Roberta Jill Edelson, Assistant Professor Emerita, School of Education  
B.S., Cornell University  
M.S., Dowling College  
Ed.D., Nova University

Onita Estes-Hicks, Distinguished Teaching Professor Emerita, English  
B.A., M.A., M.Phil., Ph.D., Columbia University

Carolyn F. Etheridge, Associate Professor Emerita, Sociology  
B.A., University of Liverpool  
M.A., University of Minnesota  
Ph.D., University of Washington

Georgina Falu, Associate Professor Emerita, School of Business (Accounting)  
B.B.A., University of Puerto Rico  
M.B.A., University of California, Berkeley  
Ed.D., Teachers College/Columbia University

Gus Galatianos, Professor Emeritus, Mathematics, Computer and Information Science  
B.S., Polytechnic Institute of Greece  
B.S., New York Institute of Technology  
M.S., Stevens Institute of Technology  
M.S., Columbia University  
Ph.D., Polytechnic Institute of New York

Evelyn Garrity, Associate Professor Emerita, Chemistry/Physics  
B.A., Albertus Magnus College  
M.S., Ph.D., Fordham University  
Chancellor’s Award for Excellence in Teaching 1994-95

Yasar Geyikdagi, Professor Emeritus, School of Business (Finance)  
M.B.A., Columbia University  
M.A., McGill University  
Ph.D., University of Bath

Selby Hickey, Associate Professor Emerita, Politics, Economics and Law  
B.A., Smith College  
M.A., Ph.D., Boston University

Leon Hirsch, Professor Emeritus, School of Business (Marketing)  
B.A., Cornell University  

Angela Jorge, Associate Professor Emerita, Modern Languages  
B.S., M.A., Ph.D., New York University

Norman O. Jung, Director of Library Emeritus  
A.B., Oberlin College  
A.M., University of Chicago  
M.A., Indiana University

Hermine D. Lewis, Associate Professor Emerita, English  
B.S., M.A., New York University  
Ed.D. Hofstra University

Jonathan Mack, Assistant Professor Emeritus, Psychology  
B.A., University of California, Berkeley  
Ph.D., New York University

John McDermott, Professor Emeritus, Industrial and Labor Relations (Politics, Economics and Law)  
B.A., CUNY/Brooklyn College

William E. McGowin, Professor Emeritus, Visual Arts  
B.S., University of Southern Mississippi  
M.A., University of Alabama

Patricia McKeegan, Associate Professor Emerita, Psychology  
B.A., SUNY College at Old Westbury  
M.A., Ph.D., Hofstra University  
Chancellor’s Award for Excellence in Teaching 1993-94

Alvin D. Mickens, Associate Professor Emeritus, School of Business (Finance)  
B.S., North Carolina A & T University  
M.A., Ph.D., New York University

Kathleen Miranda, Associate Professor Emerita, Mathematics, Computer and Information Science  
B.A., M.A., Ed.D., St. John’s University  
Chancellor’s Award for Excellence in Teaching 1994-95

Mirta Mulhare, Professor Emerita, Biological Sciences  
M.A., Ph.D., University of Pittsburgh

Bertha Perez, Associate Professor Emerita, School of Education  
B.S., CUNY/City College  
M.S., CUNY/Queens College  
Ph.D., Teachers College/Columbia University

Albert Rabil, Jr., Distinguished Teaching Professor Emeritus, History and Philosophy  
B.A., Duke University  
B.D., Union Theological Seminary  
Ph.D., Columbia University  
Chancellor’s Award for Excellence in Teaching 1975-76

Naomi Rosenthal, Professor Emerita, American Studies  
B.A., University of Chicago  
M.Sc.Econ., Landon School of Economics  
Ph.D., SUNY/Stony Brook

Elaine Scott, Lecturer Emerita, American Studies  
B.A., M.A., University of Pittsburgh

Gary Seidman, Assistant Professor Emeritus, School of Education  
B.S., New York University  
M.S., CUNY/City College  
Ed.D., Hofstra University

Wagih Shenouda, Associate Librarian Emeritus  
B.A., Cairo University  
M.L.S., Pratt Institute  
M.A., New York Institute of Technology  
Ph.D., Rutgers University

Gloria Young Sing, Associate Professor Emerita, Politics, Economics and Law  
B.A. (Hons.), Ph.D., Queens University of Belfast

Chancellor’s Award for Excellence in Teaching 1994-95
Warren Smith, Associate Professor Emeritus, American Music, Dance & Theatre
B.S., University of Illinois
M.S., Manhattan Conservatory of Music

Ruby Sprott, Associate Professor Emerita, School of Education
B.A., CUNY/Queens College
M.S., CUNY/Hunter College
Ph.D., Teachers College/Columbia University

Rosemary Gay Wachman, Associate Professor Emerita, English
B.A., M.A., M.Phil., Oxford University
Ph.D., City University of New York

Samuel von Winbush, Distinguished Teaching Professor Emeritus, Chemistry/Physics
B.A., Tennessee State University
M.S., Iowa State University of Science and Technology
Ph.D., University of Kansas

Fred Willerford, Professor Emeritus, English
B.A., University of Washington
M.A., Columbia University
M.L.S., Pratt Institute

Vicki Trasoff Wolfe, Assistant Professor Emerita, English
B.A., CUNY/Hunter College
M.A., North Michigan University
Ph.D., Hofstra University

Karlyn Wood, Professor Emeritus, School of Education
B.S., SUNY/Oneonta
M.S., Ed.D., Hofstra University
Chancellor’s Award for Excellence in Teaching 1992-93

Chong Young Yoon, Associate Librarian Emerita
B.A., Korea University
M.Ed., University of Idaho
M.A., Indiana University

The Academic Coordinators and Tutors

Meryl Altabet, Director, Mathematics Learning Center
B.A., CUNY/Lehman College
M.A., Ph.D., Belfer Graduate School of Science, Yeshiva University

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B.A., M.S., Adelphi University
STATE UNIVERSITY OF NEW YORK

General Statement
State University of New York’s 64 geographically dispersed campuses bring educational opportunity within commuting distance of virtually all New Yorkers and comprise the nation’s largest comprehensive system of public higher education.

When founded in 1948, the University consolidated 29 state-operated but unaffiliated institutions whose varied histories of service dated as far back as 1816.

Today, nearly 410,000 students are pursuing traditional study in classrooms and laboratories or are working at home, at their own pace, through such innovative institutions as the SUNY Learning Network and Empire State College. The State University enrolls 40 percent of all New York State high school graduates.

The distinguished faculty is recruited from the finest graduate schools and universities throughout the United States and many countries around the world. Their efforts are regularly recognized in numerous prestigious awards and honors, including the Nobel Prize.

State University’s research contributions are helping to solve some of today’s most urgent problems. State University researchers pioneered nuclear magnetic resonance imaging and the supermarket bar code scanner, introduced time-lapse photography of forestry subjects and isolated the bacteria that causes Lyme disease.

The University’s program for the educationally and economically disadvantaged, consisting of Educational Opportunity Programs and Educational Opportunity Centers, has become a model for delivering better learning opportunities to young people and adults traditionally bypassed by higher education.

The 30 locally-sponsored two-year community colleges offer local citizens programs that are directly and immediately job-related as well as degree programs that serve as job-entry educational experience or a transfer opportunity to a baccalaureate degree at a senior campus.

In 1998, the Governor and the Legislature approved a multi-year, $2 billion capital construction program for the University. This investment in critical maintenance will protect the University’s infrastructure, valued at nearly $11 billion, and enable the University to keep pace with modern technology for the benefit of students and faculty.

In 1995, the Board of Trustees developed the document Rethinking SUNY, in response to a call from the Legislature for a “multi-year, comprehensive system wide plan to increase cost efficiency.” Underlying Rethinking SUNY is the theme of increasing efficiency by empowering campuses to manage directly more of their academic and financial affairs and by eliminating disincentives to the prudent use of campus and system resources.

State University’s involvement in the health science education is extensive. Hundreds of thousands of New York’s citizens are served each year by faculty and students in University hospitals, clinics or affiliated hospitals. The University’s economic development services programs provide research, training and technical assistance to the state’s business and industrial community. State University libraries, which support teaching and research activities, are an important community resource.

State University of New York is governed by a Board of Trustees, appointed by the Governor, which directly determines the policies to be followed by the 34 state-supported campuses. Community colleges have their own local boards of trustees whose relationship to the State University Board is defined by law.

The University’s motto is: “To Learn—To Search—To Serve.”

BOARD OF TRUSTEES

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STATE UNIVERSITY OF NEW YORK

STATE UNIVERSITY OF NEW YORK
Office of the Chancellor,
State University Plaza, Albany, New York 12246

UNIVERSITY CENTERS
State University of New York at Albany
State University of New York at Binghamton
State University of New York at Buffalo
State University of New York at Stony Brook

UNIVERSITY COLLEGES
State University College at Brockport
State University College at Buffalo
State University College at Cortland
State University Empire State College
State University College at Fredonia
State University College at Geneseo
State University College at New Paltz
State University College at Old Westbury
State University College at Oneonta
State University College at Oswego
State University College at Plattsburgh
State University College at Potsdam
State University College at Purchase

HEALTH SCIENCE CENTERS
State University Health Science Center at Brooklyn
State University Health Science Center at Syracuse

COLLEGES OF TECHNOLOGY
State University College of Technology at Alfred
State University College of Technology at Canton
State University College of Agriculture and Technology at Cobleskill
State University College of Technology at Delhi
State University College of Agriculture and Technology at Morrisville

SPECIALIZED COLLEGES
State University College of Environmental Science and Forestry
State University College of Technology at Farmingdale
State University Maritime College
State University College of Optometry
State University Institute of Technology at Utica/Rome

STATUTORY COLLEGES
New York State College of Ceramics at Alfred University
New York State College of Agriculture and Life Sciences at Cornell University
New York State College of Human Ecology at Cornell University
New York State School of Industrial and Labor Relations at Cornell University
New York State College of Veterinary Medicine at Cornell University

COMMUNITY COLLEGES
Adirondack Community College at Glens Falls
Broome Community College at Binghamton
Cayuga County Community College at Auburn
Clinton Community College at Plattsburgh
Columbia-Greene Community College at Hudson
Corning Community College at Corning
Dutchess Community College at Poughkeepsie
Erie Community College at Williamsville, Buffalo
Fashion Institute of Technology at New York City
Finger Lakes Community College at Canandaigua
Fulton-Montgomery Community College at Johnstown
Genesee Community College at Batavia
Herkimer County Community College at Herkimer
Hudson Valley Community College at Troy
Jamestown Community College at Jamestown
Jefferson Community College at Watertown
Mohawk Valley Community College at Utica
Monroe Community College at Rochester
Nassau Community College at Garden City
Niagara County Community College at Sanborn
North Country Community College at Saranac Lake
Onondaga Community College at Syracuse
Orange County Community College at Middletown
Rockland Community College at Suffern
Schenectady County Community College at Schenectady
Suffolk Community College at Selden, Riverhead and Brentwood
Sullivan County Community College at Loch Sheldrake
Tompkins Cortland Community College at Dryden
Ulster County Community College at Stone Ridge
Westchester Community College at Valhalla

1The Health Science Centers at Buffalo and Stony Brook are operated under the administration of their respective University Centers.
2This is an upper-division institution authorized to offer baccalaureate and master’s degree programs.
3These operate as “contract colleges” on the campuses of independent universities.
4While authorized to offer such baccalaureate and master’s degree programs as may be approved pursuant to the provisions of the Master Plan, in addition to the associate degree, the Fashion Institute of Technology is financed and administered in the manner provided for community colleges.
DIRECTIONS TO THE CAMPUS

BY CAR:
The College at Old Westbury is located immediately north of the Long Island Expressway (495) in the village of Old Westbury, Long Island, approximately 30 miles east of New York City.
The main entrance to the college is located on the west side of Rte. 107 approximately one-half mile north of Jericho Turnpike (Rte. 25).
From the South Shore of Nassau County, take either Meadowbrook Parkway or the Wantagh State Parkway to Northern State Parkway eastbound. Exit Northern State Parkway at Exit 35 North (Broadway/Rte. 107). Proceed north to campus entrance on Rte. 107.
From the North Shore of Nassau County, take either Northern State Parkway or the L. I. E. (495) eastbound to Rte. 107 (Northern State Exit 35N; L. I. E. Exit 41N) and proceed north to campus entrance on Rte. 107.
From the South Shore of Suffolk County, take the most convenient north-south road to the L. I. E. (495) westbound. Exit at Exit 41N (Broadway/Rte. 107) and proceed north to main campus entrance.
From the North Shore of Suffolk County, take L. I. Expressway (495) westbound and proceed as indicated above for the South Shore of Suffolk County.

BY TRAIN:
The Long Island Railroad stops at the Hicksville station. Train schedule and route information are available from the LIRR, (516) 822-LIRR. Bus service is available to and from the Hicksville station Monday through Friday. Bus schedule information may be obtained from the MTA Information Center, (516) 766-6722. Taxi service is also available at the station.

BY BUS:
The College is accessible by bus via MTA route N-20, which travels between Main Street, Flushing, and the Hicksville railroad station along Northern Boulevard and Route 107. The bus connects with other MTA buses at various connecting points along Northern Boulevard and elsewhere. Call the MTA Information Center, (516) 766-6722, for schedule and additional route information. A college shuttle bus meets MTA buses at the main gate during the school year and registration periods, at certain hours. Bus fares subject to change without notice.

OFFICE OF ENROLLMENT SERVICES:
The College’s Office of Enrollment Services is located in Campus Center, Room 1-202. The telephone number is (516) 876-3073. Other College offices may be reached through the central switchboard, (516) 876-3000, (TDD (516) 876-3083).
INDEX

Academic Advisement for First Time to College Students .......... 40
Academic Class Level ......................................................... 43
Academic Grievance Procedures ......................................... 48
Academic Integrity ................................................................ 47
Academic Policies and Procedures ......................................... 37
Academic Standards for Continued Financial Aid Eligibility .... 26
Academic Standing .............................................................. 46
Academic Workload ............................................................ 43

Accounting, Taxation and Business Law
(School of Business) Department Requirements ................. 101
Accounting Course Descriptions .......................................... 145
Accounting Minor ............................................................... 119
Administration ................................................................. 215
Administrative Computing Services ..................................... 55
Admissions ........................................................................ 12
African American Studies Minor ........................................... 120
Air Force ROTC ................................................................ 15
Alcohol and Drug Policies .................................................... 33
Alumni/Alumnae Association ............................................... 18
American Studies Department Requirements .................... 58
American Studies Course Descriptions ............................... 132
APEL (Accreditation Program for Experiential Learning) ....... 43
Application for Admission (Procedures) .............................. 12
Army ROTC .................................................................... 16
Art Gallery (Amelie A. Wallace) ........................................... 54
Arts and Sciences, School of, Administration ....................... 57
Auditing ............................................................................ 46
Basic Education Program .................................................... 51
Bias/Hate Crimes on Campus .............................................. 33
Biological Sciences Department Requirements ................... 60
Biological Sciences Course Descriptions ............................. 142
Business (General) Minor .................................................... 122
Business, School of, Admission Requirements .................... 100
Business, School of, Course Descriptions ........................... 145
Calendar ............................................................................ V
Campus Codes and Policies ................................................ 32
Campus Safety Report ......................................................... 32
Career Services ................................................................ 30
Certificate in Spanish ......................................................... 84
Cheating .......................................................................... 47
Chemistry/Physics Department Requirements ..................... 65
Chemistry, Physics and Physical Science
Course Descriptions .......................................................... 153
Clark, F. Ambrose Physical & Recreation Center .................... 55
Code for Student Conduct ................................................... 32
College Council ................................................................ 215
Committee on Animal Experimentation ............................... 33
Comparative Humanities Requirements .............................. 72
Computer and Information Science
Department Requirements ................................................... 77
Computer and Information Science
Course Descriptions .......................................................... 157
Computer and Information Science Minor ......................... 157
Computer Equipment, Facilities and Data Policy.................. 33
Computing (Student) .......................................................... 52
Counseling Center .............................................................. 30

Course Codes .................................................................... 44
Course Levels .................................................................... 44
Credit by Examination ....................................................... 42
Credit/No Credit ............................................................... 45
Criminology Requirements .................................................. 94
Criminology Course Descriptions ....................................... 160
Dean's List ........................................................................ 46
Declaration of Major .......................................................... 43
Degree Requirements (College) .......................................... 38
Degrees Offered ................................................................ 39
Directions to Campus ......................................................... 228
Disability Services ............................................................. 51
Dismissal .......................................................................... 46
Drug and Alcohol Policy ...................................................... 33
Education Law .................................................................... 35
Education, School of, Conceptual Framework ...................... 102
Education, School of, Course Descriptions ......................... 160
Education, School of, Disciplinary Concentrations .............. 107
Education, School of, Requirements for the Majors .............. 108
Educational Opportunity Program (EOP) ............................. 51

English Degree
World Literature concentration ......................................... 69
Multicultural U.S./British Literature concentration ................ 69
English Course Descriptions .............................................. 166
English Department Requirements ....................................... 68
Environmental Studies Minor .............................................. 121
ESOL (English for Speakers of Other Languages) (English) .... 37
ESOL Course Descriptions ................................................ 168
Evening Program ............................................................... 15
Faculty ............................................................................ 217
Family Educational Rights and Privacy Act of 1974 ............... 36

Finance, Risk Management & Business Economics (School of
Business)
Department Requirements ................................................. 102
Finance Course Descriptions .............................................. 145
Financial Aid ................................................................... 23
First-Year Seminar Course Descriptions ............................ 175
First-Year Student Curriculum ......................................... 40
French Studies Minor ......................................................... 121
General Department Requirements ..................................... 38
General Education ............................................................. 40
Global Studies Minor ........................................................ 122
Grade Point Average (GPA) ............................................... 46
Grading System ............................................................... 44
Graduation Statistics .......................................................... 50
Gymnasium (see Clark Center) ........................................... 55
Health & Society Requirements ......................................... 63
Health & Society Course Descriptions ............................... 176
Human Subjects Research Committee ............................... 33
History and Philosophy Department Requirements ............. 71
History and Philosophy Course Descriptions ..................... 178
Identification Cards .......................................................... 32
Immunization .................................................................... 36
Incomplete Grade .............................................................. 45

230
INDEX (CONTINUED)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Study</td>
<td>44</td>
</tr>
<tr>
<td>Industrial &amp; Labor Relations (PEL)</td>
<td>74</td>
</tr>
<tr>
<td>Department Requirements</td>
<td></td>
</tr>
<tr>
<td>Industrial &amp; Labor Relations Course Descriptions</td>
<td>184</td>
</tr>
<tr>
<td>Industrial &amp; Labor Relations Minor</td>
<td>123</td>
</tr>
<tr>
<td>International Students</td>
<td>14</td>
</tr>
<tr>
<td>International Study</td>
<td>52</td>
</tr>
<tr>
<td>Institutional Review Board</td>
<td>33</td>
</tr>
<tr>
<td>Laws, Policies and Regulations Governing Campus Life</td>
<td>32</td>
</tr>
<tr>
<td>Leave of Absence</td>
<td>49</td>
</tr>
<tr>
<td>Library</td>
<td>54</td>
</tr>
<tr>
<td>Life Experience (APEL)</td>
<td>43</td>
</tr>
<tr>
<td>Management, Marketing &amp; Information Systems</td>
<td>103</td>
</tr>
<tr>
<td>Department Requirements</td>
<td></td>
</tr>
<tr>
<td>Management, Marketing &amp; Information Systems Course Descriptions</td>
<td>145</td>
</tr>
<tr>
<td>Marketing Minor</td>
<td>123</td>
</tr>
<tr>
<td>Mastery of American English Language Skills</td>
<td>37</td>
</tr>
<tr>
<td>Mastery of Computational Skills</td>
<td>38</td>
</tr>
<tr>
<td>Mathematics Department Requirements</td>
<td>76</td>
</tr>
<tr>
<td>Mathematics Course Descriptions</td>
<td>186</td>
</tr>
<tr>
<td>Mathematics Minor</td>
<td>124</td>
</tr>
<tr>
<td>Math Learning Center</td>
<td>79</td>
</tr>
<tr>
<td>Matriculation</td>
<td>41</td>
</tr>
<tr>
<td>Media &amp; Communications Requirements</td>
<td>81</td>
</tr>
<tr>
<td>Media &amp; Communications Course Descriptions</td>
<td>132</td>
</tr>
<tr>
<td>Media &amp; Communications Minor</td>
<td>124</td>
</tr>
<tr>
<td>Media Design Minor</td>
<td>124</td>
</tr>
<tr>
<td>Mid-term Grades</td>
<td>46</td>
</tr>
<tr>
<td>Military Training Credit</td>
<td>42</td>
</tr>
<tr>
<td>Minors</td>
<td>119</td>
</tr>
<tr>
<td>Mission Statement</td>
<td>11</td>
</tr>
<tr>
<td>Modern Languages Course Descriptions</td>
<td>189</td>
</tr>
<tr>
<td>Modern Languages Department Requirements</td>
<td>83</td>
</tr>
<tr>
<td>Multicultural U.S./British Language Minor</td>
<td>125</td>
</tr>
<tr>
<td>Music &amp; Dance Course Descriptions</td>
<td>195</td>
</tr>
<tr>
<td>Non-Discrimination/Anti-Harassment Policy</td>
<td>33</td>
</tr>
<tr>
<td>Non-Matriculated Students</td>
<td>16</td>
</tr>
<tr>
<td>Over Sixty Program</td>
<td>17</td>
</tr>
<tr>
<td>Parking Permits (vehicle registration)</td>
<td>32</td>
</tr>
<tr>
<td>Philosophy &amp; Religion Requirements</td>
<td>71</td>
</tr>
<tr>
<td>Plagiarism</td>
<td>48</td>
</tr>
<tr>
<td>Poetry Center</td>
<td>70</td>
</tr>
<tr>
<td>Politics, Economics &amp; Law Course Descriptions</td>
<td>195</td>
</tr>
<tr>
<td>Politics, Economics &amp; Law Department Requirements</td>
<td>86</td>
</tr>
<tr>
<td>Pre-Law Studies Minor</td>
<td>86</td>
</tr>
<tr>
<td>Pre-Medical Studies</td>
<td>118</td>
</tr>
<tr>
<td>Probation</td>
<td>46</td>
</tr>
<tr>
<td>Psychology Department Requirements</td>
<td>89</td>
</tr>
<tr>
<td>Psychology Course Descriptions</td>
<td>200</td>
</tr>
<tr>
<td>Psychology Minor</td>
<td>127</td>
</tr>
<tr>
<td>Public Health Law</td>
<td>36</td>
</tr>
<tr>
<td>Public Policy Minor</td>
<td>127</td>
</tr>
<tr>
<td>Recital Hall (Duane L. Jones)</td>
<td>54</td>
</tr>
<tr>
<td>Refund Schedule</td>
<td>21</td>
</tr>
<tr>
<td>Registration</td>
<td>40</td>
</tr>
<tr>
<td>Reinstatement after dismissal</td>
<td>47</td>
</tr>
<tr>
<td>Reinstatement after a leave of absence</td>
<td>47</td>
</tr>
<tr>
<td>Research Opportunity Programs (Biological Sciences)</td>
<td>60</td>
</tr>
<tr>
<td>Residency Requirement (New York State)</td>
<td>38</td>
</tr>
<tr>
<td>Residency Requirement (College)</td>
<td>38</td>
</tr>
<tr>
<td>Residential Life</td>
<td>30</td>
</tr>
<tr>
<td>Second Degrees</td>
<td>50</td>
</tr>
<tr>
<td>Second Majors (Dual)</td>
<td>43</td>
</tr>
<tr>
<td>Sexual Harassment Policy</td>
<td>33</td>
</tr>
<tr>
<td>Social Studies Adolescence Education Requirements</td>
<td>116</td>
</tr>
<tr>
<td>Social Work Minor</td>
<td>128</td>
</tr>
<tr>
<td>Sociology Department Requirements</td>
<td>92</td>
</tr>
<tr>
<td>Sociology Course Descriptions</td>
<td></td>
</tr>
<tr>
<td>Spanish Language, Hispanic Literature &amp; Culture</td>
<td>206</td>
</tr>
<tr>
<td>(Modern Languages)</td>
<td></td>
</tr>
<tr>
<td>Spanish Minor</td>
<td>83</td>
</tr>
<tr>
<td>State University of New York</td>
<td>224</td>
</tr>
<tr>
<td>Student Activities</td>
<td>31</td>
</tr>
<tr>
<td>Student Affairs</td>
<td>29</td>
</tr>
<tr>
<td>Student Computing Center</td>
<td>52</td>
</tr>
<tr>
<td>Student Health</td>
<td>29</td>
</tr>
<tr>
<td>Suspension</td>
<td>46</td>
</tr>
<tr>
<td>Theater (John &amp; Lillian Maguire)</td>
<td>54</td>
</tr>
<tr>
<td>Transcripts</td>
<td>46</td>
</tr>
<tr>
<td>Transfer Credit</td>
<td>41</td>
</tr>
<tr>
<td>Transfer Students</td>
<td>13</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>19</td>
</tr>
<tr>
<td>University Police</td>
<td>32</td>
</tr>
<tr>
<td>Vehicle Registration (parking permits)</td>
<td>32</td>
</tr>
<tr>
<td>Veterans</td>
<td>21,50</td>
</tr>
<tr>
<td>Visiting Student Program</td>
<td>17</td>
</tr>
<tr>
<td>Visual Arts Department Requirements</td>
<td>95</td>
</tr>
<tr>
<td>Visual Arts Course Descriptions</td>
<td>209</td>
</tr>
<tr>
<td>Visual Arts Minor</td>
<td>129</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>45</td>
</tr>
<tr>
<td>Women's Studies Minor</td>
<td>129</td>
</tr>
<tr>
<td>Writing Center</td>
<td>52</td>
</tr>
<tr>
<td>Office / Department</td>
<td>Address</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Academic Affairs</td>
<td>CC</td>
</tr>
<tr>
<td>Accounting &amp; Business Law</td>
<td>AV</td>
</tr>
<tr>
<td>Accounts Payable</td>
<td>CC</td>
</tr>
<tr>
<td>Administration</td>
<td>CC</td>
</tr>
<tr>
<td>Admissions</td>
<td>CC</td>
</tr>
<tr>
<td>Affirmative Action</td>
<td>CC</td>
</tr>
<tr>
<td>Alliance/Minority Participation</td>
<td>NS</td>
</tr>
<tr>
<td>Alumni Affairs</td>
<td>CC</td>
</tr>
<tr>
<td>Alumni Association</td>
<td>CC</td>
</tr>
<tr>
<td>American Studies</td>
<td>AV</td>
</tr>
<tr>
<td>Athletics (Clark Center)</td>
<td>CLRK</td>
</tr>
<tr>
<td>Automotive Services</td>
<td>SB</td>
</tr>
<tr>
<td>Auxiliary Services Corporation</td>
<td>CC</td>
</tr>
<tr>
<td>Bilingual Teacher Ed (BTE)</td>
<td>AV</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>NS</td>
</tr>
<tr>
<td>Bookstore</td>
<td>SU</td>
</tr>
<tr>
<td>Budget Development &amp; Admin.</td>
<td>CC</td>
</tr>
<tr>
<td>Bursar's Office</td>
<td>SU</td>
</tr>
<tr>
<td>Bus (Campus Shuttle)</td>
<td>SB</td>
</tr>
<tr>
<td>Business Affairs</td>
<td>CC</td>
</tr>
<tr>
<td>Business Office</td>
<td>CC</td>
</tr>
<tr>
<td>CAFETERIA/DINING (CHARTWELLS)</td>
<td>CC</td>
</tr>
<tr>
<td>Catering Service</td>
<td>CC</td>
</tr>
<tr>
<td>Atrium Cafe</td>
<td>AV</td>
</tr>
<tr>
<td>Panther's Den</td>
<td>SU</td>
</tr>
<tr>
<td>Career Services Center</td>
<td>SU</td>
</tr>
<tr>
<td>Career Opportunities/Research</td>
<td>NS</td>
</tr>
<tr>
<td>The Catalyst (Student Newspaper)</td>
<td>SB</td>
</tr>
<tr>
<td>Central Receiving</td>
<td>SB</td>
</tr>
<tr>
<td>Chemistry &amp; Physics</td>
<td>NS</td>
</tr>
<tr>
<td>Civil Service Empl. Assoc. (CSEA)</td>
<td>AV</td>
</tr>
<tr>
<td>Clark Center (Phys. Ed/Recreation)</td>
<td>CLRK</td>
</tr>
<tr>
<td>Community Engagement and Partnership Center</td>
<td>SU</td>
</tr>
<tr>
<td>Commuter Lounge</td>
<td>AV</td>
</tr>
<tr>
<td>Computing Center(Students)</td>
<td>AV</td>
</tr>
<tr>
<td>Computing Services (Admin.)</td>
<td>CC</td>
</tr>
<tr>
<td>Continuing Ed &amp; Summer School</td>
<td>CC</td>
</tr>
<tr>
<td>Copy Center</td>
<td>AV</td>
</tr>
<tr>
<td>Counseling &amp; Career Services</td>
<td>CC</td>
</tr>
<tr>
<td>Criminology</td>
<td>CC</td>
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<tr>
<td>Custodian, Head (Campus Center)</td>
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<td>EMERGENCIES: Fire, Vandalism, Damage</td>
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