Chestnut Hill College
School of Undergraduate Studies Catalog

Chestnut Hill College endeavors to present an accurate overview of its curricular and co-curricular programs, facilities and fees in this publication. The information contained herein is current as of July 1, 2010. As growth and changes are inevitable, Chestnut Hill College reserves the right to alter any program, requirements for a program or degree, facility or fee described in this publication without notice or obligation.

Failure to read this catalog and other sources of regulation governing academics and student life at Chestnut Hill College does not excuse the student from the requirements and regulations discussed herein.
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mission</td>
<td>8</td>
</tr>
<tr>
<td>Core Values</td>
<td>8</td>
</tr>
<tr>
<td>Student Learning Outcomes</td>
<td>9</td>
</tr>
<tr>
<td>Undergraduate Studies Academic Calendar</td>
<td>11</td>
</tr>
<tr>
<td>Fall 2010</td>
<td>11</td>
</tr>
<tr>
<td>Spring 2011</td>
<td>11</td>
</tr>
<tr>
<td>Summer 2011</td>
<td>12</td>
</tr>
<tr>
<td>Accreditation and Memberships</td>
<td>13</td>
</tr>
<tr>
<td>Admissions</td>
<td>13</td>
</tr>
<tr>
<td>Non-Discrimination Statement</td>
<td>14</td>
</tr>
<tr>
<td>Preparation</td>
<td>14</td>
</tr>
<tr>
<td>First-Time College Freshman Application Process</td>
<td>14</td>
</tr>
<tr>
<td>Transfer Student Application Process</td>
<td>14</td>
</tr>
<tr>
<td>International Student Application Process</td>
<td>15</td>
</tr>
<tr>
<td>Readmission</td>
<td>15</td>
</tr>
<tr>
<td>Community Standards Review Committee</td>
<td>15</td>
</tr>
<tr>
<td>Admission Options</td>
<td>15</td>
</tr>
<tr>
<td>Admission Into Special Programs</td>
<td>16</td>
</tr>
<tr>
<td>Interdisciplinary Honors Program</td>
<td>16</td>
</tr>
<tr>
<td>Five-Year Dual-Degree Programs</td>
<td>16</td>
</tr>
<tr>
<td>Kirby Program</td>
<td>18</td>
</tr>
<tr>
<td>School Contact Information</td>
<td>18</td>
</tr>
<tr>
<td>School of Undergraduate Studies</td>
<td>18</td>
</tr>
<tr>
<td>School of Continuing and Professional Studies</td>
<td>18</td>
</tr>
<tr>
<td>School of Graduate Studies</td>
<td>18</td>
</tr>
<tr>
<td>Financial Information</td>
<td>18</td>
</tr>
<tr>
<td>Expenses</td>
<td>18</td>
</tr>
<tr>
<td>Enrollment Deposit</td>
<td>18</td>
</tr>
<tr>
<td>Tuition</td>
<td>19</td>
</tr>
<tr>
<td>Fees</td>
<td>19</td>
</tr>
<tr>
<td>Residential Living</td>
<td>19</td>
</tr>
<tr>
<td>Health Insurance</td>
<td>20</td>
</tr>
<tr>
<td>Miscellaneous Charges</td>
<td>20</td>
</tr>
<tr>
<td>Refund Policy</td>
<td>21</td>
</tr>
<tr>
<td>Student Accounts Office</td>
<td>21</td>
</tr>
<tr>
<td>Payment Schedule and Mailing Address</td>
<td>22</td>
</tr>
<tr>
<td>Payment Plans</td>
<td>22</td>
</tr>
<tr>
<td>Business Office Hold</td>
<td>22</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>23</td>
</tr>
<tr>
<td>Lending Code of Conduct</td>
<td>23</td>
</tr>
<tr>
<td>Applying for Aid/Federal School Code</td>
<td>24</td>
</tr>
</tbody>
</table>
TYPES OF AVAILABLE AID ................................................................. 24
SOURCES .................................................................................. 25
VETERAN’S BENEFITS/SCHOOL CERTIFYING OFFICIAL (SCO) ............ 25
SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID ................... 26
STANDARDS OF ACADEMIC PROGRESS ........................................... 26
MAXIMUM TIME FRAME ................................................................ 26
MEASUREMENT OF PROGRESS .................................................. 26
APPEALS ....................................................................................... 26
STANDARDS OF ACADEMIC PROGRESS FOR THE PHEAA STATE GRANT . 26
TITLE IV FINANCIAL AID REFUND POLICY ....................................... 26
SAFETY AND CAMPUS SECURITY ................................................ 27
VISITORS .................................................................................... 28
CAMPUS MINISTRY ........................................................................ 28
MINISTRY TEAM ............................................................................ 28
STUDENT LIFE AND RESOURCES .................................................. 28
ATHLETICS AND ATHLETICS TEAMS ........................................... 29
STUDENT GOVERNMENT ASSOCIATION ........................................ 29
IDENTIFICATION CARDS ............................................................. 29
EMAIL .......................................................................................... 29
SNOW CLOSING ........................................................................... 30
CAMPUS BOOKSTORE .................................................................. 30
ACADEMIC COMPUTER CENTER .................................................. 30
COMPUTER CENTER LAB HOURS .................................................. 31
COMMON AREAS ......................................................................... 31
COUNSELING CENTER ................................................................... 31
DISABILITIES RESOURCES ............................................................ 32
WRITING/MATH/FOREIGN LANGUAGE/LEARNING SERVICES CENTERS 32
FOREIGN LANGUAGE RESOURCE CENTER ..................................... 32
MATH RESOURCE CENTER .......................................................... 32
WRITING RESOURCE CENTER .................................................... 32
STUDENT LEARNING SERVICES CENTER ..................................... 33
DINING SERVICES ......................................................................... 33
DINING AND VENDING LOCATIONS .............................................. 33
HEALTH SERVICES ....................................................................... 33
SWIMMING POOL ........................................................................ 34
INTERNATIONAL STUDENT OFFICE ........................................... 34
STUDENT ACTIVITIES OFFICE ..................................................... 34
STAFF AND HOURS ...................................................................... 35
CAREER DEVELOPMENT OFFICE .................................................. 35
STAFF AND HOURS ...................................................................... 35
PROGRAMS .................................................................................... 35
LIBRARY/LIBRARY SERVICES ....................................................... 36
STAFF AND HOURS ...................................................................... 36
LOST AND FOUND ........................................................................ 37
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parent and Family Relations Office</td>
<td>37</td>
</tr>
<tr>
<td>Registrar</td>
<td>37</td>
</tr>
<tr>
<td>Staff and Office Hours Services</td>
<td>37</td>
</tr>
<tr>
<td>ACADEMIC PROGRAMS, POLICIES, AND PROCEDURES</td>
<td>39</td>
</tr>
<tr>
<td>Core Curriculum</td>
<td>39</td>
</tr>
<tr>
<td>Fundamental Requirements</td>
<td>39</td>
</tr>
<tr>
<td>Ways of Knowing Perspectives (WOK)</td>
<td>40</td>
</tr>
<tr>
<td>Interdisciplinary Honors Program</td>
<td>41</td>
</tr>
<tr>
<td>Placement Testing</td>
<td>41</td>
</tr>
<tr>
<td>Proficiencies</td>
<td>41</td>
</tr>
<tr>
<td>Courses to Promote Academic Success</td>
<td>42</td>
</tr>
<tr>
<td>Non-Academic Requirements</td>
<td>42</td>
</tr>
<tr>
<td>Degrees</td>
<td>42</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>42</td>
</tr>
<tr>
<td>Major Studies</td>
<td>42</td>
</tr>
<tr>
<td>Individualized Major</td>
<td>43</td>
</tr>
<tr>
<td>Double Major</td>
<td>43</td>
</tr>
<tr>
<td>Minor Studies and Certificate Programs</td>
<td>44</td>
</tr>
<tr>
<td>Departmental Minors</td>
<td>44</td>
</tr>
<tr>
<td>Interdisciplinary Minors</td>
<td>44</td>
</tr>
<tr>
<td>Certificates</td>
<td>44</td>
</tr>
<tr>
<td>Grades and the Grading System</td>
<td>44</td>
</tr>
<tr>
<td>Pass/Fail Grading Option</td>
<td>45</td>
</tr>
<tr>
<td>Auditing</td>
<td>45</td>
</tr>
<tr>
<td>Incomplete Grades</td>
<td>45</td>
</tr>
<tr>
<td>Repeated Courses</td>
<td>46</td>
</tr>
<tr>
<td>To Earn a Better Grade</td>
<td>46</td>
</tr>
<tr>
<td>Accumulated Credit</td>
<td>47</td>
</tr>
<tr>
<td>Courses Required for a Major or Minor</td>
<td>47</td>
</tr>
<tr>
<td>Withdrawal Guidelines</td>
<td>47</td>
</tr>
<tr>
<td>From a Course</td>
<td>47</td>
</tr>
<tr>
<td>From the College</td>
<td>47</td>
</tr>
<tr>
<td>Grade Reports</td>
<td>47</td>
</tr>
<tr>
<td>Grade Appeals</td>
<td>47</td>
</tr>
<tr>
<td>Mid-Term Grades</td>
<td>48</td>
</tr>
<tr>
<td>Academic Actions – Warning, Probation, and Dismissal</td>
<td>48</td>
</tr>
<tr>
<td>Scholastic Standing</td>
<td>49</td>
</tr>
<tr>
<td>Credit Load/Overload</td>
<td>49</td>
</tr>
<tr>
<td>Classification of Student Status</td>
<td>49</td>
</tr>
<tr>
<td>Advanced Placement Credits</td>
<td>49</td>
</tr>
<tr>
<td>Graduate Courses</td>
<td>51</td>
</tr>
<tr>
<td>Transfer Credits</td>
<td>51</td>
</tr>
<tr>
<td>Courses at Another Institution</td>
<td>51</td>
</tr>
</tbody>
</table>
Mission
The mission of Chestnut Hill College is to provide students with holistic education in an inclusive Catholic community marked by academic excellence, shared responsibility, personal and professional growth, service to one another and to the global community, and concern for the earth. Chestnut Hill College, founded by the Sisters of Saint Joseph in 1924, is an independent, Catholic institution that fosters equality through education. Faithful to its strong liberal arts tradition, Chestnut Hill College offers academic programs of excellence in the areas of undergraduate, graduate, and continuing studies. True to its Catholic heritage, Chestnut Hill College espouses the beliefs and values inherent in the Judeo-Christian tradition while it respects the contributions made by other faith traditions in the development of the whole person. The College nurtures a sense of integrity, spirituality, and social justice in all. The College community dedicates itself to four purposes in fulfilling this mission. It seeks:

• To provide avenues for students to achieve academic excellence and to pursue research in their major field or in interdisciplinary studies. The College encourages students to explore and experience diverse curricula and to participate in exchange programs with other institutions of higher education.
• To initiate links between the world of learning and the world of work through curricular planning, technological opportunities, and career preparation. The College guides students in applying theoretical learning through experiential education designed collaboratively by faculty and students.
• To uphold an atmosphere of communal respect in which all may clarify and articulate personal values and beliefs while exploring the ethical and moral dimensions underlying all relationships. The College encourages inter-faith opportunities by acquainting all students with Catholicism, its theology and its Judeo-Christian roots, and by engaging in dialogue with women and men of other beliefs.
• To create local and global connections that enable students to respond to the needs of others through service-oriented enterprises. The College educates students to identify and to address issues of social justice and to work toward systemic change.

Approved by the Chestnut Hill College Board of Directors October 7, 2002.

Core Values

We Value Personal and Professional Growth throughout the Community.
We strive to live this value by:
• maintaining a lively forum for intellectual and artistic pursuits on campus;
• promoting intellectual sharing and development through inter-disciplinary programs and the encouragement of mentoring relationships;
• exploring avenues for growth and learning outside the campus boundaries.

We Value Academic Excellence.
We strive to live this value by:
• offering a rigorous and challenging academic program with a global emphasis;
• expecting students to take active responsibility for their education;
• fostering close student-teacher bonds;
• ongoing assessment of academic programs.

We Value Ethical Principles.
We strive to live this value by:
• including ethics across the curriculum;
• practicing fairness to all;
• living according to ethical standards and codes of behavior;
• addressing appropriately breaches of ethical standards.

We Value Catholic Intellectual Tradition, History, and Legacy.
We Strive to Live This Value By:
• keeping alive the mission and charisma of the Sisters of Saint Joseph*;
• offering sacramental preparation through campus ministry;
• providing opportunities to participate in Catholic liturgy;
• inviting dialogue on issues pertaining to human dignity, social, and economic justice, and stewardship of the environment;
• promoting on-going interpretations of core theological values and contemporary needs.

We Value Spirituality.
We Strive To Live This Value By:
• embracing the ideal of spiritual growth and expression;
• exploring the spiritual domain of human existence and integrating this into the totality of our experience;
• seeking to explore and to understand the world’s religious traditions.

We Value Service.
We Strive To Live This Value By:
• fostering an attitude of generosity in service;
• providing opportunities for experiential and holistic community service on campus and in the broader community.

We Value Concern for the Earth.
We Strive To Live This Value By:
• keeping informed and educated about environmental issues;
• being mindful of the impact that we, as individuals and as a community, have on the environment;
• continuing to work to preserve and enhance the natural environment of the campus;
• accepting our responsibility as stewards of the earth and its resources.

We Value Holistic Pursuit of Truth, Integrity, and Justice.
We Strive To Live This Value By:
• reflecting these virtues in our everyday lives;
• applying these virtues as guides to our decision-making individually and as a community.

We Value Inclusive Community.
We Strive To Live This Value By:
• affirming human dignity as an absolute value;
• celebrating one another’s potential and achievements, both great and small;
• fostering a friendly and open atmosphere, where all are welcome;
• exhibiting respect for all members of the global community.

*We live and work so that all people may be united with God and with one another. The mission of unity rests on the charism of reconciliation.

Student Learning Outcomes
In the spirit of our Mission and Core Values, and with a commitment to life-long learning, the Chestnut Hill College community has adopted these learning outcomes to promote, guide and assess learning in all the College’s programs. Believing, as did our founder Sister Maria Kostka Logue, that our students are
“here to learn to make a living because [they] must, but [they] are here to learn to live,” we set forth these outcomes as standards in all academic and co-curricular areas.

**Information Literacy:**
Students will demonstrate the ability to know when there is a need for information and to access, organize, interpret, evaluate and utilize information from a variety of sources in an ethically appropriate manner.

**Communication:**
Students will demonstrate clear and effective communication in a variety of modes and styles in and out of the classroom, specifically the ability to read, write, speak, listen and employ various media effectively, and use quantitative data to communicate. Students will be encouraged to use critical and creative forms of expression.

**Critical and Creative Inquiry:**
Students will demonstrate an understanding of and an ability to use critical analysis to develop innovative and imaginative methods of inquiry and problem-solving. Students will be encouraged to use critical thinking skills as a guide to multiple modes of inquiry, challenging conventional wisdom and stereotypes.

**Leadership and Collaboration:**
Students will demonstrate the ability to communicate, cooperate and collaborate in a range of situations, such as goal-setting, team building, leadership development, and group facilitation.

**Integrative Learning:**
Students will demonstrate the ability to transform information and experience into knowledge and knowledge into judgment resulting in action. Students will be encouraged to make connections within and among academic disciplines, co-curricular activities and pursuits beyond the campus boundaries.

**Civic Engagement:**
Students will demonstrate knowledge of societal issues in the analysis of contemporary and historical challenges. Students will be provided with opportunities to engage issues of social justice, to serve with and for others, to engage in reflection and to participate in their roles as citizens in local and global contexts.

**Ethical Reasoning:**
Students will be provided with opportunities to develop ethical awareness of societal issues, to exercise moral, intellectual and personal responsibility and to recognize that ethical decision making and reflection on various consequences are the elements of an on-going discernment process.

Students will demonstrate ethical reasoning skills based on critical analysis that is grounded in reason and governed by diverse values.

**Knowledge of Self and Others:**
Students will be provided with opportunities to reflect on their strengths, explore their assumptions, develop their athletic/physical potential and foster an understanding of their complex identities (connecting habits of mind, heart and body). They will be encouraged to explore a diversity of individuals, groups, and cultures so that they may grow in empathy and respect for the values of others.

Students will demonstrate knowledge of the breadth of human diversity as well as the ability to examine and challenge their own beliefs when confronted with the views of others.

**Intentional Learning:**
Students will be provided with opportunities to cultivate intellectual agility and creativity, purposeful learning, self-assessment, health awareness, self-confidence and the ability to manage change. Students will be encouraged to continue lifelong holistic development personally, professionally, aesthetically and physically through self-reflection, feedback from others and new learning experiences.

**Spiritual Growth:**
Students will be guided to explore their own spiritual tradition, to understand the commitment involved in the practice of a faith, to engage in the common search for wisdom and to appreciate their place and role in
a context larger than themselves. They will be encouraged to explore the meaning of a spiritual perspective on life, including an understanding of how this perspective shapes and guides decisions. They will be provided with opportunities to gain knowledge of world religions, to experience inclusive Catholic tradition, and to absorb the legacy of the Sisters of St. Joseph, all within the context of the diversity of human beliefs.

*Ratified by the Chestnut Hill College Community in 2010.*

**Undergraduate Studies Academic Calendar**

All calendar information is subject to change. Announcements of calendar changes will be made via email as well as on the website and on signs posted around campus.

### Fall 2010

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late Registration Fee Begins</td>
<td>August 16</td>
</tr>
<tr>
<td>New Student Move-in and Orientation Begin</td>
<td>August 27</td>
</tr>
<tr>
<td>Residences Halls Open for Returning Students</td>
<td>August 29</td>
</tr>
<tr>
<td>First Day of Classes</td>
<td>August 30</td>
</tr>
<tr>
<td>Labor Day Holiday – College closed</td>
<td>September 6</td>
</tr>
<tr>
<td>Drop/Add Period Ends</td>
<td>September 7 at 11:00pm</td>
</tr>
<tr>
<td>Withdrawal Fee Begins</td>
<td>September 8</td>
</tr>
<tr>
<td>Opening Liturgy</td>
<td>September 8</td>
</tr>
<tr>
<td>Fall Convocation</td>
<td>September 15</td>
</tr>
<tr>
<td>Residence Halls Close</td>
<td>October 8 at 6:00pm</td>
</tr>
<tr>
<td>Fall Break</td>
<td>October 11, 12</td>
</tr>
<tr>
<td>Residence Halls Re-Open</td>
<td>October 12 at 12 noon</td>
</tr>
<tr>
<td>Classes Resume</td>
<td>October 13 at 8:00am</td>
</tr>
<tr>
<td>Midterm Grades Due from Instructors</td>
<td>October 20 by 5:00pm</td>
</tr>
<tr>
<td>Withdrawal from Courses w/o Failure Period Ends</td>
<td>October 27 at 5:00pm</td>
</tr>
<tr>
<td>Status Change Period Ends (P/F, Audit)</td>
<td>October 27 at 5:00pm</td>
</tr>
<tr>
<td>Spring 2011 Registration Begins</td>
<td>November 8 at 8:00am (Seniors)</td>
</tr>
<tr>
<td>Residence Halls Close</td>
<td>November 23 at 6:00pm</td>
</tr>
<tr>
<td>Thanksgiving Holiday Begins</td>
<td>November 24</td>
</tr>
<tr>
<td>Residence Halls Re-Open</td>
<td>November 28 at 12 noon</td>
</tr>
<tr>
<td>Classes Resume</td>
<td>November 29</td>
</tr>
<tr>
<td>Classes End</td>
<td>December 10 at 10:00pm</td>
</tr>
<tr>
<td>Final Exams</td>
<td>December 13-17</td>
</tr>
<tr>
<td>Residence Halls Close</td>
<td>December 17 at 6:00pm</td>
</tr>
<tr>
<td>Final Grades Due from Instructors</td>
<td>December 20</td>
</tr>
<tr>
<td>December Conferral</td>
<td>December 24</td>
</tr>
<tr>
<td>Holiday Break – College closed</td>
<td>December 23 to January 3 at 8:30am (tentative)</td>
</tr>
</tbody>
</table>

### Spring 2011

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late Registration Fee Begins</td>
<td>January 3</td>
</tr>
<tr>
<td>Residence Halls Open</td>
<td>January 16 at 12 noon</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>January 17</td>
</tr>
</tbody>
</table>
Drop/Add Period Ends | January 24 at 11:00pm
Withdrawal Fee Begins | January 25
Midterm Grades Due from Instructors | March 4 at 5:00pm
Residence Halls Close | March 4 at 6:00pm
Spring Break | March 7-11
Spring Break Holiday-College closed | March 7
Residence Halls Re-Open | March 13 at 12noon
Classes Resume | March 14
Withdrawal from Courses w/o Failure Period Ends | March 18 at 5:00pm
Status Change Period Ends (P/F, Audit) | March 18 at 5:00pm
Summer 2011 Registration Begins | March 21 at 8am (All classes)
Fall 2011 Registration Begins | March 22 at 8am (Seniors)
Residence Halls Close | April 20 at 6:00pm
Easter Holiday – College closed | April 21-April 25
Residence Halls Re-Open | April 25 at 12 noon
Classes Resume | April 26
Honors Convocation | May 1
Classes End | May 4 at 10:00pm
Study Day or Snow Make-Up Day | May 5
Final Exams | May 6-11
Residence Halls Close | May 11 at 6:00pm
Residence Halls Close for Grads/Volunteers | May 14 at 12:00 noon
Graduation | May 14 at 2:00pm
Final Grades Due from Instructors* | May 20
(*Final grades for graduating Seniors are due no later than 24-hours after final exam is given.)

**Summer 2011**

**Session One – Six weeks**

Late Registration Fee Begins | May 2
Staff Holiday – College closed | May 16
Classes Begin | May 17
Drop/Add Period Ends | May 24 at 11:00pm
Withdrawal Fee Begins | May 25
Memorial Day Holiday – College closed | May 30
Withdrawal Period Ends | June 7 at 5:00pm
Classes End | June 29 at 5:00pm
Final Grades Due from Instructors | July 1

**Session Two – Six weeks**

Late Registration Fee Begins | June 21
July 4th Holiday – College closed | July 1 and July 4
Classes Begin | July 5
Drop/Add Period Ends | July 12 at 11:00pm
Withdrawal Fee Begins | July 13
Withdrawal Period Ends | July 27 at 5:00pm
Classes End | August 16 at 5:00pm
Final Grades Due from Instructors | August 18
### Semester – Twelve weeks

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late Registration Fee Begins</td>
<td>May 2</td>
</tr>
<tr>
<td>Staff Holiday – College closed</td>
<td>May 16</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>May 17</td>
</tr>
<tr>
<td>Drop/Add Period Ends</td>
<td>May 24 at 11:00pm</td>
</tr>
<tr>
<td>Withdrawal Fee Begins</td>
<td>May 25</td>
</tr>
<tr>
<td>Withdrawal Period Ends</td>
<td>June 22 at 5:00pm</td>
</tr>
<tr>
<td>July 4th Holiday – College closed</td>
<td>July 1 and July 4</td>
</tr>
<tr>
<td>Classes End</td>
<td>August 16 at 5:00pm</td>
</tr>
<tr>
<td>Final Grades Due from Instructors</td>
<td>August 18</td>
</tr>
<tr>
<td>August Conferral</td>
<td>August 24</td>
</tr>
</tbody>
</table>

### Accreditation and Memberships

Chestnut Hill College holds institutional accreditation by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104. Institutional accreditation does not imply specialized accreditation of the programs offered.

Chestnut Hill College holds membership in the Association of American Colleges, the America Council on Education, the National Catholic Education Association, the American Association of University Women, the Council of Independent Colleges and Universities, the College Entrance Examination Board, Association of Catholic Colleges and Universities, Association of Colleges of the Sisters of St. Joseph, Association of Catholic Colleges and Universities, Association of Independent Colleges and Universities, Association of Governing Boards of Universities and Colleges, National Association of Independent Colleges and Universities, and numerous other educational groups and learned societies.

Chestnut Hill College belongs to the Southeastern Pennsylvania Consortium for Higher Education (SEPCHE), a group of eight independent higher education institutions in the Greater Philadelphia region. The members of SEPCHE engage in collaborative approaches to the challenges of higher education and work together to promote quality and efficiency of academic programming, student access, and community outreach through sharing a range of activities, services, technology and information.

The College is authorized by the Commonwealth of Pennsylvania to offer graduate programs and to confer the Doctor of Clinical Psychology, and Master of Arts, Master of Education, and Master of Science degrees in disciplines defined in their catalog.

The Doctoral program in Clinical Psychology (Psy.D.) is accredited by the American Psychological Association (APA). For general information about APA accreditation or specific information on the accreditation status of Chestnut Hill College, please contact: Office of Program Consultation and Accreditation, American Psychological Association, 750 First Street, NE, Washington, DC 20002-4242 or 202/336-5979. The Instructional I/II, Specialist, and Principal certification programs offered through the Education Department are approved by the Pennsylvania Department of Education. The Montessori certification program is accredited by the American Montessori Society.

### Admissions

Chestnut Hill College welcomes students of all ages whose aptitudes and academic records demonstrate the ability and motivation to accept an academic challenge and who give promise of making a positive
contribution to the College community. Students are challenged by high academic standards and supported by rich resources, excellent facilities, and dedicated faculty to achieve personal goals. Graduates are well prepared to successfully enter a competitive job market or distinguished graduate program.

Non-Discrimination Statement
Chestnut Hill College does not discriminate on the basis of race, color, sex, age, religion, national origin, or disability in any admissions, education program, activities or employment practices. This policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

Preparation
Each year, the School of Undergraduate Studies enrolls a first-year class of motivated, diverse students whose records show academic achievement, intellectual curiosity, and potential for growth. We recommend that a student prepare for Chestnut Hill College by taking the strongest course of study offered by his/her high school. Specifically, this should include the following where possible:

- four years of English composition and literature
- four years of social science/history
- three years of science
- three years of mathematics
- two years of foreign language

Chestnut Hill College will accept college-level course work completed prior to matriculation provided the relevant courses were completed successfully at an accredited college or university and were not applied to the requirements for high school graduation. Credit may also be given for performance on Advanced Placement examinations and completed International Baccalaureate Diplomas.

First-Time College Freshman Application Process
Application for admission should be made as early as possible after the completion of the Junior year of high school. Chestnut Hill College subscribes to a rolling admissions policy that strives to notify the applicant of the Admissions Committee’s decision within two weeks after a complete application is received. The following credentials are required for a complete basic application:

- Completed Chestnut Hill College Application (preferred) or Common Application
- $35 non-refundable application fee
- Score results from the Scholastic Aptitude Test (SAT I) or American College Test (ACT)
- Official high school transcript(s)

An essay/personal statement and letter(s) of recommendation are optional but strongly recommended. The Admissions Committee reserves the right to request additional information, such as a personal interview with a member of the Admissions staff.

Transfer Student Application Process
Chestnut Hill College welcomes transfer students and maintains articulation and/or course equivalency agreements with several two-year institutions. Students who have completed an associate’s degree at an accredited institution may be eligible, depending on their GPA and anticipated major, for admission to
Chestnut Hill College with full transfer of up to 75 college credits and Junior status. Students who transfer will have their transcripts evaluated on a course-by-course basis. A Career GPA of 2.00 or higher is required to be considered for acceptance to Chestnut Hill College. At least 45 credits must be earned at Chestnut Hill College in order to be awarded a bachelor’s degree.

Transfer applicants must submit the following credentials to be considered for admission:
- Completed Chestnut Hill College Application (preferred) or Common Application
- $35 non-refundable application fee
- Official transcript(s) from all colleges previously attended

If fewer than 24 college credits have been completed the application must also include:
- Official high school transcript(s)
- Score results from the Scholastic Aptitude Test (SAT I) or American College Test (ACT)

**International Student Application Process**
Chestnut Hill College welcomes applications from qualified international students. International students must satisfy all admissions requirements and procedures, should submit a complete set of academic credentials in English translation, and must demonstrate proficiency in the English language. Chestnut Hill College requires international students who have not taken the SAT I and/or ACT to submit the results of the National Examination administered by the Ministry of Education in the home country in addition to the results of Test of English as a Foreign Language (TOEFL). An affidavit of financial responsibility and enrollment deposit must be submitted to secure an I-20 form.

**Readmission**
Chestnut Hill College welcomes applications from students who have previously attended Chestnut Hill College and have not attended classes for a full calendar year prior to their application for readmission. Re-admission is not guaranteed. Re-admit applicants must submit the following to be considered for admission:
- Completed Chestnut Hill College Readmission Application
- $35 non-refundable application fee
- Official transcript(s) from all colleges attended since leaving Chestnut Hill College

**Community Standards Review Committee**
The safety of all members of the College community is of utmost importance; therefore, the purpose of this committee is to review admissions applications from students applying to the School of Undergraduate Studies who have confirmed/self-identified disciplinary/criminal backgrounds. This committee reviews any reported behaviors involving, but not limited to: violence with or without a weapon, sexual offenses, drug and/or alcohol incidents, sexual/racial harassment, intimidation, theft, vandalism, suspensions/dismissals, hate crime, and intellectual dishonesty. The committee has the right to request additional information. The failure to provide the information requested will be deemed a withdrawal of the application.

**Admission Options**
**Early Decision** is an option available for students with strong qualifications who have selected Chestnut Hill College as their first choice. Candidates for Early Decision may initiate applications to other colleges, but if accepted under Early Decision, a candidate must withdraw all other college applications and may not make any further applications. Offers of admission are made with the understanding that the high school
Regular Decision is designed for students who wish to keep open several college options during the application process. Candidates may apply at any time, but it is recommended that applications be submitted as soon as possible after the completion of the Junior year, and not later than January 15th, for priority consideration. Students who wish to enter for the spring semester should have application materials completed no later than December 15th.

Early Admission is an option for a student judged to be ready for college after his/her Junior year of high school. The candidate must be mature, exceptionally academically prepared, recommended by his/her high school counselor and have the approval of his/her principal. Successful candidates are classified as first-year students and use the regular admission procedures. An admission interview is required of all early admission applicants.

Admission Into Special Programs

Interdisciplinary Honors Program
The Chestnut Hill College Interdisciplinary Honors Program (IDHP) is designed to challenge students to pursue a creatively different approach to the liberal arts. Please refer to the Interdisciplinary Honors Program section of the catalog for more information. Admission is by invitation only.

Five-Year Dual-Degree Programs

BA/MS in Counseling Psychology
The BA/MS Program in Counseling Psychology provides the opportunity for exceptionally qualified students to earn both a bachelor’s degree and a master’s degree in approximately five years. Unlike other “three-two” programs that require students to complete the undergraduate work before starting graduate work, this program allows study at undergraduate and graduate levels in a parallel format, creating a rewarding and challenging program to focused, qualified students. This offers a financial benefit in that tuition is paid at the undergraduate rate for the first four years, even while the student is enrolled in graduate courses. This results in substantial savings in tuition costs.

The BA/MS program is a professionally-oriented program that will admit only those applicants who are committed to a career in counseling psychology. Due to the rigorous curriculum of this program, applicants should have a high school GPA of 3.00, and minimum combined SAT scores (Critical Reading and Math) of 1100. In addition, admissions interviews conducted by members of the BA/MS program are required to assess the applicant’s readiness to pursue a successful professional career in counseling psychology.

To obtain more information about admission to the combined BA/MS Program in Counseling Psychology, please contact Lynn Brandsma, Room 3 St. Joseph Hall. Telephone: 215-248-7049. Email: brandsmal@chc.edu.

BS/MEd Program with Special Education Certification
The Chestnut Hill College Department of Education’s combined BS/MEd program will enable students to earn certification in Early Education (Pre-K-4) and a master’s degree in Education with Special Education
Certification in a single program of approximately five years. Applicants will need to maintain a 3.00 GPA throughout their program in order to be approved for certification.

In the beginning of the fifth year students will have additional course work and practicum experiences involving exceptional children in the regular school setting as well as programs in the community serving children who require more extensive academic and/or behavioral supports. The Senior year incorporates beginning course work in special education while completing the elementary certification program. The overall goal of this program is to prepare teachers to teach in a classroom with children who have exceptional educational needs while at the same time providing them with experiences working with children in separate community-based settings.

To obtain more information about admission to the combined BS/MEd in Elementary Education with Special Education Certification, please contact Carol Pate, 4th Floor St. Joseph Hall. Telephone: 215/248-7155. Email: cmpate@chc.edu.

**BS in Computer Information Sciences or Computer Information Technology/MS in Instructional Technology**

Chestnut Hill College offers a combined BS in Computer and Information Sciences or a BS in Computer and Information Technology and an MS in Instructional Technology in approximately five years. Qualified students have the opportunity to complement a rigorous undergraduate computer science curriculum or a multi-strand undergraduate technology curriculum with a master’s program that provides a strong technical and theoretical foundation for teachers, members of the academic community, and e-learning professionals. This program will prepare graduates to assume positions in such challenging areas as web page technology and multimedia design and production, and gain access to leadership opportunities in both the corporate and academic worlds.

Qualified students enrolled in this program begin taking graduate courses after their Sophomore year as they continue to pursue their undergraduate studies. Students are charged undergraduate rate tuition for both undergraduate and graduate courses for the first four years. Students who are considering this program should have a high school GPA of at least 3.00, and minimum combined SAT scores (Critical Reading and Math) of 1000. In addition, admissions interviews conducted by members of the undergraduate and the graduate programs are required.

To obtain more information about admission to the combined BS/MS in Computer Information Sciences/Technology and Instructional Technology, please contact Lisa Olivieri, SSJ, Room 201 St. Joseph Hall. Telephone: 215/248-7155. Email: lolivier@chc.edu.

**BS in Human Services/MS in Administration of Human Services**

The combined BS/MS program provides an excellent opportunity for qualified Human Services majors in the School of Undergraduate Studies to complete the MS degree in Administration of Human Services in the School of Graduate Studies. Students majoring in Human Services are eligible to apply to the program once they have achieved Senior status. Transfer students must take a minimum of 15 credits at Chestnut Hill College and earn a Career 3.00 GPA in these courses.
Each student will be expected to meet the admissions requirements of the School of Graduate Studies and be provisionally accepted into the program before registering for any graduate courses. Formal acceptance will be granted upon receipt of a transcript verifying successful completion of the undergraduate degree program. For more information, please contact the Office of Administration of Human Services in the Graduate School at 215/248.7172.

**Kirby Program**

Named for Mary Xavier Kirby, SSJ, the fourth president of Chestnut Hill College, the program is specifically designed to assist women and men of non-traditional age who are returning to college or who are just beginning their degree programs.

**School Contact Information**

**School of Undergraduate Studies**

For more information about academics, visitation dates or to schedule a tour of the campus, contact Chestnut Hill College Admissions, 9601 Germantown Avenue, Philadelphia, PA, 19118. Telephone: 800/248.0052 (out-of-state) 215/248.7001 (in Pennsylvania.) Fax: 215/248.7082. Email: chcapply@chc.edu.

**School of Continuing and Professional Studies**

The School of Continuing and Professional Studies, ACCELERATED Degree Program, designed for working women and men, offers early morning, evening and weekend courses in six 8-week sessions per year. For information contact the School of Continuing and Professional Studies, ACCELERATED Program, 9601 Germantown Avenue, Philadelphia, PA 19118. Telephone: 215/248.7063. Fax: 215/248.7085. Email: chcaadm@chc.edu.

**School of Graduate Studies**

The School of Graduate Studies offers a variety of master’s degrees, certifications, and certificate programs in Instructional Technology, Clinical and Counseling Psychology, Education, Holistic Spirituality, and Administration of Human Services. The School of Graduate Studies also offers an APA-accredited doctoral degree in Psychology (Psy.D.). Telephone: 215/248.7170. Fax: 215/248.7161. Email: gradadmissions@chc.edu.

**Financial Information**

**Expenses**

**Enrollment Deposit**

When accepted, all new students are required to make an enrollment deposit. The enrollment deposit reserves the new student’s place for the upcoming academic year. Enrollment deposits will be refunded if the new student notifies the Admissions Office in writing by May 1st that he/she intends to withdraw from the upcoming year; after May 1st, the deposit is non-refundable. The enrollment deposit is applied to the student’s account during the first semester of enrollment. Students planning to attend full-time should submit a $300 enrollment deposit.

Students planning to reside in Chestnut Hill College’s residence halls are required to send an additional $200 non-refundable room reservation deposit, for a total of $500. Part-time students should submit a $35 enrollment deposit.
**Tuition**
The tuition amount remains uniform for all students in the School of Undergraduate Studies, regardless of the major or minor being pursued.

**Full-Time Tuition 2010-2011 Academic Year (September to August)**

- $28,100 annually
- $14,050 per semester

A student is full-time if he/she is enrolled for 12 or more credit hours for the semester. The full-time tuition charge remains the same for all full-time students enrolled up to 18 academic* credits. A student enrolled in 19 or more academic credit hours during a semester will be assessed an additional charge of $600 for each credit hour over 18.

**Part-Time Tuition 2010-2011 Academic Year (September to August)**

- $600 per credit hour enrolled

A student is part-time if he/she is enrolled for fewer than 12 credit hours for the semester. There is no distinction between academic and non-academic courses for billing for part-time students; the per credit hour rate is charged for each credit enrolled regardless.

* There are courses designated Non-Academic that count only for full-time status reporting but that are not charged tuition. These courses are noted as such and do not count towards graduation. For students enrolled as less than full-time, these courses are billed at the part-time rate.

**Fees**
Course fees are included in the tuition rate however; the items listed below are billed separately:

- Private Music Lessons taken by non-majors (MUSL-courses): $415 per semester (optional)
- Challenge Exam: $210 per credit (optional)
- Activity Fee: $50 per semester (automatic charge for full- and part-time students)

**Residential Living**
Our four residence halls, each with a distinct personality, offer single-, double- and triple-bed rooms, as well as suites. Each student will have a standard twin bed, a desk with chair, a dresser and a closet or wardrobe. Each room is equipped with a phone jack with a campus extension. The halls are wireless so a laptop or PC is good to go from most locations in the hall. Floors are tiled in Fontbonne and Fournier; Fitzsimmons Hall and Sugarloaf Lodge have carpeted floors.

**Fontbonne Hall** was built in 1961. It was named after Mother Saint John Fontbonne, who restored the Congregation of the Sisters of Saint Joseph in Lyon, France in 1808, after their dispersal during the French Revolution. Fontbonne Hall is a co-educational residence hall for first-year students. Rooms are mostly double occupancy with common hall bathrooms on each floor. A few single rooms are available.
Fournier Hall is named in honor of Mother Saint John Fournier, the foundress of the Philadelphia Congregation of the Sisters of Saint Joseph in 1847. It was originally the Mount Saint Joseph College, founded in 1928, and then became The College in 1938. Fournier Hall is a co-educational first-year and upper-class building. Transfer students are also housed here. There are many room options, including single rooms, double rooms and triples, as well as suited rooms (bedrooms connected by a bathroom).

Fitzsimmons Hall opened in the Fall of 2006. It is suite-style, with two bedrooms connected by a common room and bathroom. The first floor of Fitzsimmons Hall is a 24-hour student center, equipped with a recreation room and TV lounges. Fitzsimmons Hall is a co-educational upper-class building with four- and six-person suites.

SugarLoaf Lodge opened in the Fall of 2008. Recently renovated into student residency, this building is part of the SugarLoaf Hill Campus across Germantown Avenue. SugarLoaf Lodge is a co-educational building reserved for upper-class students, with double rooms each equipped with private bathrooms. The newly renovated Pool House at SugarLoaf contains a large TV lounge and pool table area for use by SugarLoaf residents.

Costs
Chestnut Hill College offers several options for residential living. All options include a Board Plan of 19 meals per week during the academic year (excluding breaks, holidays, etc.). Prices vary by type of room and residence hall location and range from $8,045 to $9,925 per academic year.

Students residing in the Chestnut Hill College’s residence halls are charged a $250 room damage deposit in the first semester in College housing. The deposit will be refunded, less any charges for damages to their room or residence hall common areas, when they move out of College housing. More information regarding the room types and residential living is available from the Office of Residence Life, Room 101 Fitzsimmons Hall. Telephone: 215/248-7118. Fax: 215/248-7074. Email: housing@chc.edu.

Health Insurance
Chestnut Hill College requires that all full-time students be covered by health insurance. The College has made arrangements for a health insurance plan for all students in the School of Undergraduate Studies who do not have coverage under any health insurance policy.

The College will charge each student’s account for the cost of the College health insurance plan provided, unless the student is covered under another plan. Information about the Student Health Plan can be found online at www.BollingerInsurance.com/chestnuthill.

There is an online waiver process a student must complete to avoid this charge. Each currently enrolled undergraduate student is covered by an accident insurance policy and the cost of this policy is included in the tuition Contact the Student Accounts Office for more information. Telephone: 215/248.7116. Fax: 215/242.7705. Email: Accounts@chc.edu.

Miscellaneous Charges
Returned Check Fee: $35 per occurrence
Late Payment Charge: 1.5% of balance (Automatically charged to student account if semester bill is not paid by the payment due date)

Late Payment for Deferred Plan: $20
Late Registration: $55
Withdrawal Fee: $40
Orientation (Griffin Day) Fee: $125
Graduation Fee: $250 one-time only non-refundable fee (Note: does NOT include regalia rental fee.)

**Refund Policy**

Full-time undergraduate students who officially withdraw from classes at the College (see Withdrawal Procedures in Academic Section) are eligible for refunds of tuition and room charges as indicated in the schedule below. Only the portion of the residential living charge associated with board costs is refundable. Fees, parking permit, health insurance and other charges are non-refundable after the first day of classes.

Students who withdraw from the College may also have to return a portion of the Federal Financial (Title IV) Aid received. For purposes of calculating refunds, the calendar week begins as of the first scheduled class time of each session:

- Prior to the first day of classes: 100% refund
- Within the first calendar week: 80% refund
- Within the second calendar week: 60% refund
- Within the third calendar week: 40% refund
- Weeks thereafter: No refund

Part-time students who withdraw from an individual course after the drop/add date and full-time students who drop to part-time status by dropping or withdrawing from a course after the drop/add date will not be eligible for any refund.

There are no refunds for MONC- Montessori and other Professional Enrichment courses. Before registering for any of these courses, please contact the Student Accounts Office for details.

**Student Accounts Office**

St. Joseph Hall, 1st floor, End of the Music Corridor
Telephone: 215/248.7116. Fax: 215/242.7705. Email: accounts@chc.edu.

Students may make payments and receive information about their accounts at the Student Accounts Office. Chestnut Hill College accepts cash payments; checks; money orders; and Visa, MasterCard, American Express, and Discover.

**Regular Hours:**
Monday - 9:00am to 5:00pm
Tuesday - 9:00am to 7:00pm
Wednesday - 9:00am to 7:00pm
Thursday - 9:00am to 5:00pm
Friday - 9:00am to 4:00pm

**Summer Hours:**
Monday - 9:00am to 5:00pm
Tuesday - 9:00am to 6:00pm
Wednesday - 9:00am to 6:00pm
Thursday - 9:00am to 5:00pm
Friday - 9:00am to 3:00pm
Payment Schedule and Mailing Address

By act of registration, the student accepts responsibility to pay the charge for the entire semester, regardless of the method or source of payment. In general, all monies due to Chestnut Hill College for a specific semester must be paid according to the following schedule:

Fall Semester: August 1  Spring Semester: January 1  Summer: May 1/June 1

All students who have not fully satisfied their tuition and fees by the stated due date, including those who have applied for financial aid, which has not as yet been credited to their accounts, are asked to complete a Student Financial Responsibility Agreement. This agreement defines various payment options that may be used by the students to settle their full balances in a timely manner.

The College reserves the right to withhold registration, transcripts, diplomas and all other information regarding the record of any student who is in arrears in the payment of tuition, fees or any other amounts due the College. A student may be prevented from reenrolling at the College for continued delinquency of financial obligations. Unpaid bills will be turned over to a collection agency. Collection costs and/or finance charges must be paid by the student in addition to the unpaid amount before the College will release information as described in the preceding paragraph.

Payments may be mailed to Chestnut Hill College/P.O. Box 8500 #9986/Philadelphia, PA 19178-9986. The student’s ID number must be included on all payments.

Payment Plans

Chestnut Hill College offers an interest free Monthly Payment Plan (MPP); there is a $65 enrollment fee for the MPP. Students may pay the combined Fall and Spring balances in 12- or 9- monthly installments. The 9- month plan is due July 15th through March 15th of the following year. Failure to make a payment on schedule will result in the total balance becoming due immediately with a service charge of 1.5% of the outstanding balance added per month. More information about the MPP is available in the Student Accounts Office.

Business Office Hold

Students who do not pay, or do not make suitable payment arrangements, for their semester bills will be placed on Business Hold and will not be allowed to attend class until payment or arrangements have been made at the Student Accounts Office. A late payment fee and/or a service charge will be charged for all past due accounts. Students placed on Business Hold are prevented from graduating, obtaining transcripts, viewing final grades, and registering for future classes until the balance is paid in full. Students placed on Business Hold should contact the Student Accounts Office immediately to pay their remaining balance. A student may be placed on Business Hold at any time:

- Beginning of Semester — For failure to make payment in full or to make satisfactory arrangements to pay the semester bill. Students in this category cannot obtain their room key, dining hall pass or attend classes until the Student Accounts Office approves their financial arrangements for the semester.
- During Semester — For failure to make payment and/or for defaulted or late payment on terms arranged at the beginning of the semester. Students in this category cannot register for the following semester, participate in the residence hall room lottery, receive grades or transcripts and may be prevented from taking tests, attending classes or graduating. Students should contact the
Students will be removed from Business Hold only when the bill is either paid in full or addressed in a satisfactory manner as approved by the Student Accounts Office.

Financial Aid
St. Joseph Hall, 1st floor, End of the Music Corridor

A Chestnut Hill College education is one of the best investments one can make in the future. In fact, a college degree puts a graduate on both the path to a more satisfying career and, as numerous studies have shown, a more lucrative pay scale. We offer abundant financial aid and scholarship opportunities, as well as federal student loans and other payment options, to help our students reach their educational goals. Chestnut Hill College prides itself on striving to be affordable for all academically qualified students who wish to attend. Our Financial Aid office offers individualized guidance, so that each student understands all of the financial options.

Although the primary responsibility for meeting college costs rests with the student and his/her family, the Financial Aid Office can help design a financial strategy that will make a degree from Chestnut Hill College affordable. The Financial Aid Office will develop a personalized financial aid package that will offer assistance with educational expenses. The financial aid package may consist of grants, scholarships, loans and student employment. With a combination of financial aid from federal, state, and institutional sources, we hope to help all eligible students take advantage of the College’s high quality academic experience.

The professional staff in the Financial Aid office is ready to assist with the financial aid process and is open to students during the following hours:

**Regular Hours:**
- Monday - 9:00am to 5:00pm
- Tuesday - 9:00am to 7:00pm
- Wednesday - 9:00am to 7:00pm
- Thursday - 9:00am to 5:00pm
- Friday - 9:00am to 4:00pm

**Summer Hours:**
- Monday - 9:00am to 5:00pm
- Tuesday - 9:00am to 6:00pm
- Wednesday - 9:00am to 6:00pm
- Thursday - 9:00am to 5:00pm
- Friday - 9:00am to 3:00pm

**Lending Code of Conduct**
Chestnut Hill College is committed to providing students and their families with the best information and processing alternatives available regarding student borrowing. In support of this and in an effort to rule out any perceived or actual conflict of interest between Chestnut Hill College officers, employees or agents and education loan lenders, Chestnut Hill College has adopted the following:

- Chestnut Hill College does not participate in any revenue-sharing arrangements with any lender.
- Chestnut Hill College does not permit any officer, employee or agent of the school who is employed in the financial aid office or is otherwise involved in the administration of education loans to accept any gifts of greater than a nominal value from any lender, guarantor or servicer.
Chestnut Hill College does not permit any officer, employee or agent of the school who is employed in the financial aid office or is otherwise involved in the administration of education loans to accept any fee, payment or other financial benefit (including a stock purchase option) from a lender or affiliate of a lender as compensation for any type of consulting arrangement or contract to provide services to a lender or on behalf of a lender relating to education loans.

Chestnut Hill College does not permit any officer, employee or agent of the school who is employed in the financial aid office or is otherwise involved in the administration of education loans to accept anything of value from a lender, guarantor, or group of lenders and/or guarantors in exchange for service on an advisory board, commission or other group established by such a lender, guarantor group of lenders and/or guarantors.

Chestnut Hill College does allow for the reasonable reimbursement of expenses associated with participation in such boards, commissions or groups by lenders, guarantors, or groups of lenders and/or guarantors.

Chestnut Hill College does not assign a lender to any first-time borrower through financial aid packaging or any other means.

Chestnut Hill College recognizes that a borrower has the right to choose any lender from which to borrow to finance his/her education. Chestnut Hill College will not refuse to certify or otherwise deny or delay certification of a loan based on the borrower’s selection of a lender and/or guarantor.

Chestnut Hill College will not request or accept any offer of funds to be used for private education loans to students from any lender in exchange for providing the lender with a specified number or volume of Title IV loans, or a preferred lender arrangement for Title IV loans.

Chestnut Hill College will not request or accept any assistance with call center or financial aid office staffing.

Applying for Aid/Federal School Code
Applying for financial aid is easy at Chestnut Hill College. Students interested in applying for financial aid must complete the Free Application for Federal Student Aid (FAFSA) each academic year by April 15. The student should complete either a paper or online FAFSA or FAFSA Renewal Application (www.fafsa.ed.gov). Chestnut Hill College’s federal school code is 003245 and ensuring that this appears on the FAFSA will facilitate the proper disclosure of FAFSA information to the Financial Aid Office.

Types of Available Aid
Grants: This is money given to a student to supplement their educational costs that does not have to be paid back. Grants are usually determined based on demonstrated financial need.

Scholarships: Another form of a grant is often referred to as a scholarship. Scholarships are usually awarded either on a competitive basis and reflect academic achievement, or are based on financial need.

Loans: This is money borrowed by a student (Direct Loan) or parent (PLUS Loan) to help pay for educational expenses. Like any other loan, it is an obligation that must be repaid with interest over a period of time.

Student Employment: The Federal College Work-Study program provides jobs for students with financial need. It allows a student to earn money to help pay for education-related expenses. The money that a student earns will be paid directly to them via a bi-weekly paycheck throughout the academic year, as
it is earned. Since the Federal Work-Study Grant is an earning potential, it should not be deducted from the tuition invoice.

**Sources**

**Federal:** Federal financial aid, also known as Title IV aid, includes Pell Grants, Supplemental Educational Opportunity Grants (SEOG), Federal College Work-Study, Perkins Loans, Federal Direct Loans and Federal PLUS Loans. Students must complete a Free Application for Federal Student Aid (FAFSA) to determine eligibility for federal financial aid.

**State:** Pennsylvania Higher Education Assistance Authority (PHEAA) sponsors a need based state grant program for undergraduate Pennsylvania residents who will be enrolled at least half time. No separate application is required. Pennsylvania residents who complete the FAFSA will automatically have their FAFSA information forwarded to PHEAA for determination of award eligibility. Some students from outside of Pennsylvania may receive funds from their state scholarship programs that can be used at the College. Students living in the following states may use their state scholarship at Chestnut Hill College: Connecticut, Delaware, District of Columbia, Maine, Massachusetts, New Hampshire, Ohio, Rhode Island, Vermont and West Virginia.

**Private:** Many private and local organizations have grants and scholarships available to students who meet certain criteria. We encourage all students to perform their own scholarship search. The library is an excellent source for information on scholarships. The Internet has also become a good place to search for additional funding to help with educational costs. Any outside scholarship that a student receives must be reported to the Financial Aid Office.

**Veteran’s Benefits/School Certifying Official (SCO)**

Marie Scheetz, Assistant to the Registrar - Fournier Hall, Room 15

Through the **Post 9/11 GI Bill**, fully qualified veterans can attend Chestnut Hill College tuition free each year. The College will provide a maximum of $6,000 per student for up to 100 qualifying students for the 2010–11 academic year, which will then be matched by the Department of Veteran Affairs (VA). Additionally, the VA will provide $8,205 per term for fully qualified veterans or $16,410 per school year. The combination of these funds means that a fully qualified veteran will attend the College tuition free.

Chestnut Hill’s **Yellow Ribbon Program** funds will be awarded to qualifying students. To be considered, qualifying students must be accepted for enrollment to a degree program to be currently enrolled in that degree program at the College as verified in the submitted Certificate of Eligibility provided by the College’s SCO.

The Department of Veterans Affairs has made funds available for Veteran students who are still awaiting their education benefit claim to be processed. Eligible veterans can receive up to a $3000 advance, which will be recouped from future benefit payments. A one-time advance payment may be requested at the local VA Regional Office or through Department of Veterans Affairs’ website, www.va.gov. Questions about eligibility for the Post 9/11 GI Bill or the Yellow Ribbon Program should be addressed at either the local VA Regional Office or the Department of Veterans Affairs at www.gibill.va.gov.
Satisfactory Academic Progress for Financial Aid
To be eligible for Federal and Institutional financial aid, a student must make satisfactory academic progress each year. This means that a student must complete a certain number of credits each year and maintain a minimum Career Grade Point Average (GPA) once he/she has completed 30 academic credits. This policy ensures the student’s intention of completing his/her program of study and moving towards the goal of graduation.

Standards of Academic Progress
In order to continue to receive Federal and Institutional financial aid, all students must successfully complete 66% of all credits attempted. In addition, all students are required to achieve a minimum Career GPA:

- Students with 1 to 24 earned academic credits must achieve a Career GPA of 1.65.
- Students with 25 to 59 earned academic credits must achieve a Career GPA of 1.85.

Maximum Time Frame
The maximum time frame for completion of undergraduate programs cannot exceed 150% of the published program length for a full-time student. For undergraduate students, the minimum credits needed for graduation is 120. Therefore, a student would have a maximum time frame of 180 attempted credits to complete the program before the student would lose eligibility for financial aid.

Measurement of Progress
Academic progress for each student will be measured at the end of each academic year. If a student does not meet the satisfactory standards of academic progress, he/she will be notified in writing regarding the cancellation of financial aid funding.

Appeals
Appeals may be based on extenuating circumstances. The student must be able to demonstrate that the extenuating circumstance had a direct impact on the student’s academic performance. The student must put the request in writing and submit it to the Director of Financial Aid. The student may be asked to provide supporting documentation of the situation.

If an appeal is approved, an academic waiver will be granted. This will allow the student’s financial aid to be reinstated for one academic year only (except the PHEAA State Grant). The student must comply with any and all conditions attached to the waiver of the academic policy.

Standards of Academic Progress for the PHEAA State Grant
Pennsylvania Higher Education Assistance Authority (PHEAA) requires recipients of the PHEAA State Grant to complete a minimum of 24 credits for every two semesters of full-time grant assistance received or a minimum of 12 credits for every two semesters of half-time grant assistance received. No academic waivers will be granted for the PHEAA state grant program by Chestnut Hill College. A student may appeal directly to PHEAA concerning extenuating circumstances.

Title IV Financial Aid Refund Policy
A student who received federal Title IV financial aid, as defined previously, and who withdraws from all classes at Chestnut Hill College, will be required to return some or all of the federal Title IV funds. The
amount of federal financial aid to be returned will be the largest amount as determined by using the Federal Refund Policy (except for first-time students who use the Pro-Rata Refund Policy which follows), which is calculated by dividing the total Title IV funds (less work-study earnings) by the student’s total aid package and applying this fraction to the Chestnut Hill College refund. The resulting amount is the amount of funds to be returned to the Title IV programs. The Pro Rata Refund Policy is used only for the first-time students withdrawing before 60% of the term is completed. Charges are pro-rated depending on the student’s date of withdrawal.

Returning money to the Title IV programs will be made in the following order: 1) Federal Unsubsidized Stafford Loan, 2) Federal Subsidized Stafford Loan, 3) Federal PLUS Loan, 4) Federal Perkins Loan, 5) Federal Pell Grant, 6) Federal SEOG, 7) Other Title IV programs, 8) Other federal sources of aid, 9) Other state, private or institutional aid, and 10) the student.

**Safety and Campus Security**

Emergencies: 7777 (on-campus) or 215/242.7777 (off-campus).

The safety and security of all who live, work, and visit Chestnut Hill College is of paramount importance to the entire College Community. The Department of Safety and Campus Security is primarily concerned with providing the highest reasonable level of security on the 75-acre campus. Members of the community share this responsibility. This shared responsibility is a very important element of an overall safe learning environment. The Department of Safety and Campus Security reports to the Acting Dean of Student Life, and consists of a Director and 40 full-time Security Officers. Of these 40 officers, one is designated as the Patrol and Training Manager, one is designated as the Crime Prevention Officer, and six are Shift Supervisors. The Director of Safety and Campus Security also manages on campus parking.

Chestnut Hill College Security Officers are both CPR-and AED-certified and have undergone training in specialized course offerings for higher education. Security Officers do not carry firearms. Criminal investigations are conducted by the Philadelphia Police Department, which is responsible for coverage at the College. Victims of campus crimes and other criminal activity are encouraged to, and readily assisted in, reporting incidents to the local police.

Buildings and residence halls are monitored by security personnel on a 24-hour basis. The buildings and residence halls are equipped with state of the art security and fire alarm systems. Fire safety drills are conducted in compliance with Philadelphia Fire Department regulations. Alarms, sensors and fire equipment are cleaned, inspected and certified annually in compliance with the Philadelphia Fire Code.

Several patrol areas are included in the security operation including vehicle as well as foot and bicycle patrols. Officers utilize an electronic tour watch device that provides accurate documenting times and locations of their patrols. During these patrols, unsafe conditions are promptly reported and the appropriate campus department is notified for corrective actions to be undertaken. Emergency lighting and phones are surveyed on a scheduled basis.

Chestnut Hill College’s Department of Safety and Campus Security lives by its Mission Statement, and is committed to the high standards of quality in promoting a safe and problem free educational environment. The College is an institutional member of IACLEA and a charter member of the Delaware Valley Campus Security Director’s Association. This information meets the Commonwealth of Pennsylvania Act 73,

**Visitors**

All visitors to campus must be registered with the Security Desk at the entrance of Fournier Hall. Visitors must be with their sponsoring member of the College community at all times. Visitors are not permitted to be alone on campus at any time and infractions of this instruction will be treated seriously.

*Chestnut Hill College does not provide child care services.* Children may not be left unattended on campus at any time, for any reason. Children brought as visitors to campus must be signed in at the Security Desk and must remain with their sponsoring member of the College community at all times.

**Campus Ministry**

St. Joseph Hall, 3rd Floor  

Chestnut Hill College does not provide child care services. Children may not be left unattended on campus at any time, for any reason. Children brought as visitors to campus must be signed in at the Security Desk and must remain with their sponsoring member of the College community at all times.

**Campus Ministry**

St. Joseph Hall, 3rd Floor  

Campus Ministry affirms and supports the values, mission and ministry of the Sisters of St. Joseph of Philadelphia enabling students to grow spiritually and to provide the welcoming atmosphere that promotes discovery of an adult faith life. The values we promote are unity, forgiveness and reconciliation, right relationships that are holy and healthy, to be ready for any and all good work for the dear neighbor without distinction and finding God in all things. Campus Ministry welcomes students of all faiths. Events are planned so that any one may feel comfortable becoming involved in service, spiritual offerings, miscellaneous events and offerings and retreats. We hope all students will find their way to us at some point in their academic career and become involved in the various services we offer.

**Ministry Team**

Mary Darrah, SSJ, Assistant to the President for Mission and Ministry. Telephone: 215/248.7031. Email: darrahm@chc.edu

Mindy Welding, IHM, Director of Campus Ministry. Telephone: 215/248.7095. Email: weldingm@chc.edu.

Michelle Lesher, SSJ, Assistant Director of Campus Ministry. Telephone: 215/248.7107. Email: lesherm@chc.edu.

Fr. Raymond Tribuiani, Chaplain. Telephone: 215/248.7058. Email: tribuianir@chc.edu.

Interns: Interns are chosen every two years and come from the Sophomore class in order that they can work for us their Junior/Senior year. This is not a permanent position in that it is not offered all the time. Current interns: Sarah Doherty, Class of 2011 and Elijah Goloub, Class of 2011.

Point Persons: Point Persons are students interested and involved in Campus Ministry who have taken an interest in a specific service/volunteer site or project.

**Student Life and Resources**

Chestnut Hill College has the unique advantage of being an urban school in a suburban setting. The campus comprises 75 acres of trees, groves and buildings. The Chestnut Hill shopping area is less than a 10-minute walk from the campus. The College and the city share a vibrant and varied cultural and social life. The local community supports an orchestra, the Woodmere Art Gallery, many smaller galleries, the renowned Morris Arboretum and the extensive greenery and open space of Fairmount Park. The varied shops and
restaurants of Chestnut Hill attract visitors from throughout the region. Center City Philadelphia, with its many museums, historical places and award-winning restaurants, is easily reached by commuter train.

**Athletics and Athletics Teams**

Lower Level, Fournier Hall
Telephone: 215/248.7060. Fax: 215/248.7047. Email: athletics@chc.edu.

The Physical Education Department offers programs in sports activities as well as programs to improve students’ level of fitness and well-being. The College’s facilities include Sorgenti Arena, an auxiliary gymnasium, an athletic training room, locker facilities, fitness room, swimming pool, tennis courts, playing fields, outdoor basketball, and outdoor volleyball courts.

Chestnut Hill College offers eight intercollegiate varsity sports for women and six intercollegiate varsity sports programs for men. The School of Undergraduate Studies is a NCAA Division II institution and competes in the Central Atlantic Collegiate Conference (CACC).

**Fall:**
- Women’s soccer
- Men’s soccer
- Women’s tennis
- Women’s cross-country
- Men’s cross-country
- Women’s volleyball

**Spring:**
- Women’s lacrosse
- Women’s softball
- Men’s tennis
- Women’s golf
- Men’s golf
- Men’s baseball
- Men’s lacrosse

**Winter:**
- Women’s basketball
- Men’s basketball

**Student Government Association**

All Chestnut Hill College School of Undergraduate Studies students are members of the Student Government Association, which elects a representative student government. Students also serve with Chestnut Hill faculty and administrators on numerous College committees in the areas of curriculum and student activities, among others.

**Identification Cards**

Photo ID cards are available through Campus Security. In an effort to provide adequate security, students must carry their ID card at all times. ID cards are non-transferable and, upon request, must be surrendered to authorized personnel, e.g., security officers in the performance of their duties. An ID card is required to take books out of the library, to use the computer center, to use the pool and fitness center, to participate in the meal plan, and obtain a parking permit. There is a fee to replace lost or damaged ID cards. For information on Visitors on campus, please see the Visitor section.

**Email**

Every student is entitled to an “@chc.edu” email account. As part of the College’s Mission to respect our resources, many previously paper-based processes are now conducted electronically. It is the student’s
responsibility to make sure all messages sent to the official @chc.edu email account are read in a timely manner.

**Snow Closing**
Should weather or other circumstances force the cancellation of classes an announcement will be made on KYW News Radio (1060AM). The School of Undergraduate Studies snow number is 126 for day classes and 2126 for evening classes (beginning at 4:00 PM). Closing messages will be recorded on the College’s information line 215/248.7009 and published on the homepage at www.chc.edu.

**Campus Bookstore**
St. Joseph Hall, Lower Level, down the ramp to the right of the Commuter Lounge.
Telephone: 215/248.7150. Fax: 215/248.7156. Email: 0719mgr@fheg.follet.com

Whether by providing campus course materials (now also including book rental!), supplies, Chestnut Hill College clothing and gifts, or general reading books, the College Bookstore serves the needs of students, faculty, staff, alumni, and Griffins fans. For store hours and information, or to shop online for the latest in College Gear, visit the Bookstore’s website at www.chc.bkstr.com.

**Academic Computer Center**
St. Joseph Hall, Lower Level, down the ramp to the right of the Commuter Lounge.
Telephone: 215/242.7195. Email: helpdesk@chc.edu.

Microsoft Windows-based computers are available for student use on a walk-in basis during posted day and evening hours. Students may take advantage of the state-of-the-art software for purposes such as word processing, statistical analysis, graphics, desktop publication, database manipulation, web page editing and web browsing over the Internet. Laser printers are available for high-quality printed work.

The Computer Center is only open to Chestnut Hill College students. Once enrolled, students are given a personal account on the College network, giving them an Internet email address and access to the Internet. All students must agree to abide by the College’s rules and policies regulating the use of College computer resources.

Academic Computing also maintains a software lending library from which students may borrow magazines, books, and educational software. Students may also sign out, as needed, camcorders and tripods for various classes.

The Academic Computer Center also manages four teaching labs, three for Microsoft Windows-based PCs and one for Macintosches. The computer labs are available for classroom instruction ranging from computer software application basics to sophisticated programming languages. The computer labs are also available for use by faculty for the integration of technology in education.

The Devlin Video Production Suite in Martino Hall is an extension of the Academic Computer Center. This facility houses a state-of-the-art video editing laboratory, a television production studio and control room, a video production classroom and office. Students may also sign out camcorders and tripods for various classes as needed. Several laptop computers are also available for students to borrow.
**Computer Center Lab Hours**
Monday through Thursday - 9:00am to 11:00pm  Friday - 9:00am to 5:00 pm  
Saturday - 9:00am to 5:00 pm  
Sunday - 1:00pm to 11:00pm  

Hours are subject to change due to holidays and other scheduling considerations. For the latest, most up-to-date lab schedule information, check the schedule posted on the door of the Academic Computer Center.

**Common Areas**
Ursula Lavin, Coordinator of Facilities Rental.  
Telephone: 215/753.3631. Email: lavinu@chc.edu  
Kyle McLaughlin, Catering Director. Email: catering@chc.edu.

**Rotunda:** The ninety-five foot high Rotunda, built in 1903, is unusually breathtaking in design. The ceiling features a stained glass mural. The appointments are neoclassical with marble facing, white Corinthian pillars, aged oak molding and staircase. This lovely open area is conducive to a variety of events, and combined with the East Parlor, has the capacity to comfortably accommodate meeting groups of twenty and a reception of over two hundred guests.

**East Parlor:** This classic Edwardian room features an original chandelier in the center of the room and finished hardwood floors. Its amenities include a conference table that seats twenty, aged oak moldings, a fireplace, and a recital area with a picturesque view. This is the perfect setting for a two-hour meeting, all day workshops, or a special event. Combined with the Rotunda, this spacious area can accommodate meeting groups of twenty and a reception for two hundred guests.

**Social Room:** Built to entertain visitors, this gracious room features beautiful hardwood floors, aged oak molding and attractive arch windows. Recently refurbished with colonial chandeliers and comfortable furnishings, this neoclassical room offers a perfect setting for a day or evening affair. This special room includes a conference table that seats twenty, and comfortably accommodates meeting groups of twenty and a conference or reception for two hundred guests.

**Counseling Center**
St. Joseph Hall, 3rd Floor, Room 56.  
Telephone: 215/242.7104. Email: kennedys@chc.edu

The Counseling Center offers free, short- and long-term therapy to students in the Schools of Undergraduate, Graduate and Continuing Studies during the academic year. Counseling staff can also consult with students and members of their families. Workshops are offered to address students' interests and needs. Students may use the Counseling Center at all times they are enrolled at the College.

In general, counselors see students once a week for a fifty-minute session. In addition, counselors reserve time every day to see any student in crisis needing immediate attention. The College also provides 24-hour emergency coverage when school is in session.

The Counseling Center is completely confidential, except in cases of life-threatening emergency (the threat or attempt of suicide, and the threat of seriously injuring another person, for example) or when we are
legally required to report abuse of a minor. Except in these extraordinary circumstances, neither what is
discussed nor any of the required written records are shared with anyone - including roommates, parents,
friends, faculty, and staff – without the student’s written permission.

Disabilities Resources
St. Joseph Hall, 3rd Floor.
Telephone: 215/248.7013. Fax: 215/248.7019. Email: wilsonL4@chc.edu.

Consistent with Section 504 of the Rehabilitation Act of 1973 and Title II of the American with Disabilities
Act of 1990, students with documented disabilities may seek relevant, reasonable, academic or housing
accommodations or auxiliary aids. Chestnut Hill College is committed to providing equal educational
opportunities for qualified students. The College is in compliance with applicable federal and state laws.
Disclosure of a disability is voluntary and confidential. To access services, students must submit
documentation to verify eligibility under Section 504 of the Rehabilitation Act of 1973 and the Americans
with Disabilities Act (ADA) of 1990.

Documentation must state the nature and duration of the disability and provide adequate information to
support accommodations. Accommodations will be determined on a case-by-case basis. The College
reserves the right to request additional information, if necessary, especially in cases where recertification of
a disability is warranted. Please contact Leslie Wilson, Director with any questions or concerns.

Writing/Math/Foreign Language/Learning Services Centers
Centers are open during the Fall and Spring semesters as defined by the School of Undergraduate Studies
Academic Calendar and are available at no charge to currently enrolled Undergraduate students. To make
an appointment, please contact the Center directly.

Foreign Language Resource Center is located on the 2nd Floor of Fournier Hall
and offers resources such as individual tutoring, Internet, tapes, and computer programs. Resources
available to students include computers with access to internet tutorials; videos and a video player; books;
CDs, player and duplicator; DVDs and a player. Contact Ruth O’Neill, SSJ, Director of the Foreign
Language Resource Center, for more information. Fournier Hall, 2nd Floor, Room 26. Telephone:
215/242.7951. Email: oneillr@chc.edu.

Math Resource Center is located on the 3rd Floor of St. Joseph Hall and serves as a resource
for students seeking help with their Math or Math-related course; hosts Math workshops throughout the
year; and conducts Math Placement/Proficiency testing. The Center is staffed by teachers and student-
tutors at times posted on the Center door. Students requesting help may make an appointment or stop in
any time the Center is open. In addition to individual and small group tutoring, software programs, math
web sites, books, and practice worksheets are available in the Center for student use. Contact Joan Mickey,
SSJ, Director of the Math Center, for more information. Telephone: 215/248.7088. Email:
mickeyj@chc.edu.

Writing Resource Center is located on the 3rd Floor of St. Joseph Hall and serves as a
resource for students seeking help with writing, grammar, and punctuation. The Center is staffed by
instructors and student tutors. Appointments are preferred, but walk-ins are welcome and students may
email, call, or stop by the Writing Resource Center to make a 30-60 minute tutoring appointment. Contact Megan Ryan, Director of the Writing Center, for more information or to make an appointment. Telephone: 215/248.7114. Email: ryanm01@chc.edu.

**Student Learning Services Center** is located on the 3rd Floor of St. Joseph Hall and offers techniques to maximize study time by learning effective and efficient college study strategies in addition to tutoring for subjects not covered by a dedicated Resource Center. Requests for tutoring may be made in the office or by emailing tutor@chc.edu. Contact Leslie Wilson, Director of the Student Learning Services Center for more information. Telephone: 215/248.7013. Email: wilsonL4@chc.edu.

**Dining Services**  
Patrick Flanagan, Director of Dining Services.  
Fournier Hall, 1st floor.  
Telephone: 215/248.7015. Email: unit10935@compass-usa.com.

At Chestnut Hill College we recognize that providing food for our students, faculty and staff is only part of the equation; we want to make sure that everyone eats well, too. That’s why we offer a variety of meal plans, as well as a wide array of food that not only emphasizes nutritional value, but also creativity, convenience and taste. After all, food is not just meant to be eaten, it is meant to be enjoyed. For more information on dining options, locations, healthy options and tips, and catering services available at the College, please visit www.dineoncampus.com/chc/

**Dining and Vending Locations**  
The Dining Hall is located on the 1st Floor of Fournier Hall and meals may be purchased on a cash basis. An a la carte café, The Griffin’s Den, is located on the Lower Level of Fournier Hall. Hours and prices are listed at both locations. Vending machines are located in the Commuter Lounge on the Lower Level walkway between St. Joseph and Fournier Halls; the 3rd Floor of St. Joseph Hall; and on the Lower Level of Fournier Hall just outside the Mail Room. The Bookstore also sells an assortment of drinks and snacks.

**Health Services**  
Fitzsimmons Hall, 1st Floor, just behind the Security Desk.  
Emergencies: 7777 (on-campus) or 215/242.7777 (off-campus).  
Telephone: 215/248.7111. Fax: 215/753-3663. Email: robertss@chc.edu

Chestnut Hill College's Health Services is an integral part of the College community providing care to students during illness, making recommendations for health maintenance, and providing programs throughout the year on health related issues. The Health Services Office, staffed by registered nurses, is open Monday through Friday and no appointment is needed. All students must have completed health forms on file at the Health Office. Health Services available to students:

- Assessment and treatment of illness and accidents
- Referral to local physicians for more serious illnesses and/or accidents
- Over-the-counter medications
- Health information and programs
- Blood pressure screenings
- Nutrition counseling
Wellness programs

Swimming Pool
Lower Level, Fournier Hall.
Emergencies: 7777 (on-campus) or 215/242.7777 (off-campus).

Students, staff and faculty with an official Chestnut Hill College ID may use the pool during the posted pool hours. All visitors, including adult family members and friends, must purchase a membership card. For more information about purchasing a membership card, please refer to the Aquatics section of the Chestnut Hill College Athletic Website www.griffinathletics.com or call 215/248-7040. Swimming is permitted only when a lifeguard is on duty.

International Student Office
James McLaughlin, Director of International Student Services.
Fournier Hall, Room 12.

The International Student Office advises international students and provides information on American academic procedures as well as U.S. immigration and visa requirements.

Student Activities Office
St. Joseph Hall, 3rd floor
Telephone: 215/753.3648. Email: cooneyk@chc.edu

Student Activities sponsors on-campus programs and performances including comedy shows, concerts, guest speakers, movie nights, game shows, and leadership development opportunities. They also arrange trips to Baltimore, New York, and other destinations in the Philadelphia area. They also serve as the home for many academic interest groups, drama and music groups, cultural organizations, yearbook and newspaper staffs, and community action groups. While not comprehensive, this list includes:

- AAAS (African-American Awareness Society)
- Aurelian (yearbook)
- CEC (Council for Exceptional Children)
- CHAT (Chestnut Hill Activities Team)
- Computer Club
- Dance Club
- FADD (Fighting Against Dangerous Decisions)
- Gospel Choir
- The Griffin (newspaper)
- Griffin Club (student hospitality organization)
- Griffin Radio Network
- Griffins for Paws
- GSA
- History Club
- Japanese Culture Club
- La Voz Latina
- Mask and Foil Drama Club
- Phi Beta Lambda (business society)
- Photography Club
- Poetry Club
- Psychology Club
- Sociology/Criminal Justice/Human Services Group
- Students Political Science Association
Staff and Hours
Kimberly Cooney, Director of Student Activities. Telephone: 215/753.3648. Email: cooneyk@chc.edu.
Emily Schadememan, Assistant Director of Student Activities. Telephone: 215/248.7083. Email: schademane@chc.edu.

The office is open Monday through Friday 8:30am to 4:30pm.

Career Development Office
Third Floor, St. Joseph Hall

The Office of Career Development at Chestnut Hill College provides information and guidance on careers, professions, employment, and graduate school opportunities for current and prospective students as well as alumnae/i. Career Development also coordinates the College’s Experiential Education program. Workshops are offered on resume writing, interviewing and job-search skills.

Staff and Hours
Nancy Dachille, Director of Career Development. Telephone: 215/248.7048. Email: ndachill@chc.edu.
Ryan Murphy, Director of Service-Learning. Telephone: 215/248.7032. Email: murphyr@chc.edu.
Ashley Reichenbach, Assistant Director of Career Development. Telephone: 215/248.7109. Email: reichenbacha@chc.edu

The Office is open weekdays from 8:30am until 4:30pm; other hours are available by appointment.

Programs
Experiential Education Program provides opportunities for students to gain academic credit for real-world work experience, through internships and cooperative education. Additionally, in collaboration with faculty and community partners, students can participate in service-learning courses that put coursework into action through relevant volunteer service to the community. These experiences also serve as foundations for classroom discussion and synthesis of academic theory. These programs are monitored by Ryan Murphy, Director of Service-Learning. Telephone: 215/248.7032. Email: murphyr@chc.edu.

FOCUS is a self-paced, online career and education planning tool for use by college students. It will enable the student to self-assess career-relevant personal qualities and explore career fields and major areas of study that are most compatible with the assessment results. Students who use FOCUS make better decisions about their goals and plans and learn how to self-manage their careers. Career planning with FOCUS leads to the following advantages for students: While in college: More goal focused and motivated - Higher academic achievement - Fewer transfers and switching of majors - Graduate on time; After Graduation: Better entry job with higher income - More satisfied, more productive in their career - Less career change, faster advancement.

Career Connections, an innovative mentor program, links students with successful alumnae/i to learn more about potential professions and careers. The Career Development Office also offers resources that help with the graduate school testing process. See the information about the course FYIN-101: Career Connections in the Core Requirements section for more details.
Students with Blackboard accounts can access the Career Development virtual site on Blackboard. This site offers information about career planning, job/internship searching, resume writing, graduate school applications, and upcoming events.

**Library/Library Services**

Logue Library, Main Campus on the Circle.
Telephone: 215/248.7050. Fax: 215/248.7056. Email: Librarians@chc.edu.

Chestnut Hill College's Logue Library is contemporary in style and was completed in 1961. The Library tailors its collection to best serve students, faculty and staff, and neighbors. Our resources and services, which are available in a wide variety of media, enable our members to accomplish everything from conducting academic research, searching for fulfilling careers to enjoying entertaining and enriching popular books and films. We urge all members to take full advantage of Logue Library’s offerings, as it is an environment where they can learn, discover, and meet their academic and personal goals.

The Logue Library houses 140,000 volumes on three floors of open stacks. In addition to the circulating materials, there are 550 periodicals and a reference collection in the Alumnae Reference Room on the main floor, as well as an extensive electronic research center. Among the electronic the resources are ERIC, PsycHINFO, Lexis-Nexis, JSTOR, Ebscohost Elite, and Project Muse. Students may access the catalog and electronic resources via internet at www.chc.edu/library. Passwords for databases are available to registered students in the library.

Along with a rare books collection that features British literary works and early Catholic liturgical music, Logue Library houses an Irish Collection specializing in Irish history; and The Brimmer Collection, a Curriculum Library holding children’s literature and curriculum materials for grades K-12. The main collection is classified according to the Library of Congress Classification System, while the Curriculum Library uses the Dewey Decimal System.

To borrow books or reserve materials all students MUST have a current College ID with a library bar code sticker attached. Bar codes may be obtained at the circulation desk.

**Staff and Hours**

Monday to Thursday - 8:00am to 12:00 midnight
Friday - 8:00am to 9:00pm
Saturday - 9:00am to 5:00pm
Sunday - 10:00am to 12:00 midnight

Library hours during the summer sessions and breaks are subject to change. Operating hours are posted on the library door, the web site www.chc.edu/library; at the paging desk, and announced on the library voice mail at 215/248.7050.

Mary Jo Larkin, SSJ, Library Director. Telephone: 215/248.7055. Email: mjlarkin@chc.edu.
Regina Maria Brimmer, SSJ, Curriculum Library. Telephone: 215/248.7051. Email: rbrimmer@chc.edu.
Diane Arnold, Electronic Resources. Telephone: 215/248.7050. Email: arnoldd@chc.edu.
Lost and Found
Items that are found on campus should be turned into the Security Desk in the entrance of Fournier Hall.

Parent and Family Relations Office
Alma Rose Schlosser, SSJ, Director of Parent and Family Relations. Fournier Hall, 1st Floor.
Telephone: 215/753.3796. Email: schlossera@chc.edu

The Parent and Family Relations Office distributes periodic email update blasts as well as a Parent and Family E-Newsletter. All parents and families are welcome to sign up for these electronic communications, which can be done by calling or emailing the Office. In addition, a proposed Parent and Family Association will facilitate opportunities for parents to get involved variety of ways. Learn more about the Parent and Family Association at www.chc.edu/parents.

Registrar
St. Joseph Hall, 3rd Floor East Wing.
Telephone: 215/248.7005. Fax: 215/242.7714. Email: registrar@chc.edu.

The Office of the Registrar provides support to the faculty, staff, students, alumni, and the general public in regards to academic policies, guidelines, and procedures enacted and enforced by the federal government, accrediting agencies, the Chestnut Hill College Board of Directors, and the College’s administration and faculty members. It is responsible for upholding and applying the Academic Missions of all divisions within the College as they relate to academic data, and is the central repository for that data.

Staff and Office Hours
Deborah Ebbert, Registrar. Telephone: 215/248.7069. Email: ebbertd@chc.edu.
Ann McAdams, SSJ, Associate Registrar (Graduate Studies). Telephone: 215/248.7018. Email: mcadams@chc.edu.
Michael Reig, Associate Registrar. Telephone: 215/248.7117. Email: reigm@chc.edu.
Theresa Marshall, Assistant Registrar. Telephone: 215/248.7005. Email: marshallt1@chc.edu.
Marie Scheetz, Assistant to the Registrar (Continuing and Professional Studies). Telephone: 215/248.7064. Email: scheetzm@chc.edu.
Betsy Schneider, SSJ, Assistant to the Registrar. Telephone: 215/248.7094. Email: betsys@chc.edu.

Regular Hours:
Monday - 9:00am to 5:00pm
Tuesday - 9:00am to 7:00pm
Wednesday - 9:00am to 7:00pm
Thursday - 9:00am to 5:00pm
Friday - 9:00am to 5:00pm

Summer Hours:
Monday - 9:00am to 5:00pm
Tuesday - 9:00am to 6:00pm
Wednesday - 9:00am to 6:00pm
Thursday - 9:00am to 5:00pm
Friday - 9:00am to 3:00pm
Services

Transcripts and Diplomas
The Office of the Registrar prints official transcripts for students in any division, and diplomas for undergraduate and graduate alumni. Transcripts and diploma reprints or duplicates must be requested in writing and there is a fee associated with either request. The Office of the Registrar does not issue unofficial transcripts. A business, health services, library, or athletic hold will prevent the release of either document. These obligations must be satisfied before transcripts or a diploma will be issued.

To make a request, print the applicable request from www.chc.edu/registrar and either bring it to the office, fax it, or mail in with required payment as outlined on the request form. Transcripts usually take 7 – 10 days for processing; diplomas take 2 – 3 weeks.

Enrollment/GPA Verification
Chestnut Hill College is a member of the National Student Clearinghouse, a non-profit organization that updates federal loan agencies with Full- or Part-time status information for all currently enrolled students, however; if a paper enrollment or GPA verification is needed, it may be obtained in the Office. There is no fee for this service but a signature is required for the release of the information and processing will take 7 – 10 days.

Mailing Address
Address all postal correspondence to: Office of the Registrar/9601 Germantown Avenue/3rd Floor SJH/Philadelphia, PA 19118.
Academic Programs, Policies, and Procedures

Core Curriculum

Chestnut Hill College’s Core Curriculum, approved by the faculty in 1999, and reviewed and adjusted in 2010, is designed to provide students with a meaningful education that is rooted in the College’s Mission. Steeped in the liberal arts, the curriculum recognizes the impact of the information-age revolution and addresses career demands of the twenty-first century. The Core Curriculum consists of Fundamental Requirements, Ways of Knowing perspectives, proficiencies, and free electives. Students also take a variety of non-academic credits as part of the core requirements at CHC. In addition, students fulfill all of the requirements specified in a major program of study.

The 2010 Core Curriculum revisions apply to students who matriculate in August of 2010 and to future classes. This includes first-year students and transfer students with fewer than 60 credits. Transfer students who have 60 credits or more and do not have "core-to-core" status, will follow the revised Core Curriculum (approved April 2010) with ethics and public speaking requirements waived.

Fundamental Requirements

All students NOT participating in the Interdisciplinary Honors Program (IDHP) must complete courses in four areas of fundamental requirements: Core seminars; Writing; Religious Studies; and Foreign Language.

Core seminars: These seminars are interdisciplinary and provide opportunities for experiential learning.

- **ILAR-101: Introduction to the Liberal Arts**
  This 3-credit course usually taken in the student’s first year serves both as a second-level writing course and as an introduction to various disciplines within the Liberal Arts. The course helps students to develop the skills introduced in the first-level writing course, with a focus on research and the techniques associated with academic writing. While the course is offered in sections with unique emphases, the general writing requirements and grading policy are universal. ILAR-101 takes advantage of our location in Philadelphia by using museums and other sites in the city as part of the overall course experience. Students are expected to make at least two (2) site visits during the semester. ILAR-101 does not fulfill the writing intensive requirement and is a Pre-Requisite for all writing intensive courses as well as GLST-201.

- **GLST-201: Global Awareness Seminar**
  This 3-credit course taken after the first year explores the economic, political, social, environmental, and cultural roots of global conflicts, the risk of catastrophic confrontations, and the potential of peaceful resolutions. Topics in this course vary depending on the expertise of the teaching faculty and the world situation. Students read world press and literature, are introduced to global theorists and scholars, and communicate with other students and organizations through global communications available through emerging technologies. Experiential learning is incorporated in the course. This course includes a visit to the United Nations and a service learning project. Pre-Requisite: ILAR-101.

Writing: Every student will take four courses that focus on developing vital writing and communication skills:

- **ENGL-101: College Writing** or **ENGL-105: Advanced College Writing**. These courses are designed to introduce students to college-level writing and research. Students must earn a C- or higher.
- **ILAR-101: Introduction to the Liberal Arts** (See above)
- One course designated as **Writing Intensive** (designated by a “W” in the course listings). This course may also fulfill a *Way of Knowing*, a course in the major or minor, or an elective. A Writing Intensive course is a Pre-Requisite for all Senior Seminars. (A partial listing of Writing Intensive courses can be found in the FAQ section of the Catalog.)

- **Senior Seminar**

**Religious Studies:** Every student will take two courses in Religious Studies including **RLST-104: The Religious Imagination** followed by an RLST-Religious Studies course at the 200-level of the student’s choosing.

**Foreign Language:** Students admitted in the Fall of 2010 are required to take one foreign language course at 103 or above according to their placement by the Department.

**Ethics:** All students (beginning with first-year students who matriculate in August 2010) take a course in ethics. Applicable courses will be designated in future catalogs.

**Public Speaking:** All students (beginning with first-year students who matriculate in August 2010) take at least one credit in public speaking. Applicable courses will be designated in future catalogs.

**Ways of Knowing Perspectives (WOK)**
Focused on six perspectives, the *Ways of Knowing* component of the Core Curriculum is designed to introduce students to different learning methodologies and strategies for interpreting and understanding the world in which we live. A student may fulfill one *Ways of Knowing* category by virtue of Major course work. A student may use no more than two courses with the same course prefix to fulfill additional *Ways of Knowing* perspectives and only one WOK will be applied for Courses in the Major.

Students must complete at least one course in each of the following areas and one additional course in one area of their choice, for a total of seven courses:

**Artistic** (designated by an A in the course description): Courses in this category will enable students to become aware of, experience, develop, analyze and/or interpret the products of the human imagination in the fine arts.

**Behavioral** (B): Courses in this category will provide students with an understanding of the psychological, sociological, economic, political, and cultural dimensions of human behavior.

**Historical** (H): Courses in this category will evoke an awareness of the development of human societies, examining their political, social, economic, and cultural evolution through the ages.

**Literary** (L): Courses in this category may cover any of the literary genres and periods and teach students to perform literary/critical analysis of primary texts.

**Problem-Solving/Analytical** (P): Courses in this category will focus primarily on developing skills in systematic analysis. Courses will provide students with the basic ability to reason with conceptual and/or quantitative data to assess the basic conceptual and/or statistical aspects of an argument.
**Scientific (S):** Courses in this category will examine how scientific knowledge is obtained as well as the implications and applications of that knowledge. Emphasis is on how scientists perceive and attempt to understand the natural world.

**Interdisciplinary Honors Program**
The Interdisciplinary Honors Program (IDHP) offers outstanding, motivated students an alternative to fulfilling requirements in the Core Curriculum. A three-credit introductory course fulfills the Writing Proficiency requirement and three team-taught interdisciplinary year-long seminars fulfill the writing intensive, *Ways of Knowing* (except Science), *ILAR-101: Introduction to the Liberal Arts*, and *GLST-201: Global Studies Seminar* requirements. The IDHP promotes liberal education by stressing interconnections among different fields of study and by challenging students and faculty alike to teach and to learn. Qualified and interested students may apply for the complete Interdisciplinary Honors Program or for a single Honors seminar; preference is given to students pursuing the complete program. For more information, please contact Kathleen Duffy, SSJ, Room 4 St. Joseph Hall. Telephone: 215/248-7197. Email: kduffy@chc.edu.

**Placement Testing**
All incoming first-year students and accepted transfer students must take a writing placement exam administered by the English Department and a math placement exam administered by the Mathematics Department. Results of these tests determine where a student places in the English and Mathematics course progression. A foreign language placement interview is also available upon request. A representative will be available at Griffin Days or, if that is not convenient, a student may schedule an interview with Mary Helen Kashuba, SSJ. Telephone: 215/248.7124. Email: kashubam@chc.edu.

**Proficiencies**
Students are required to demonstrate established proficiency levels either by exam or coursework in Computer Proficiency, Foreign Language, public speaking, and mathematics in addition to a Swim Test. Students who do not demonstrate proficiency in any of these areas will be required to follow a specified program until the required proficiency level is achieved.

**Computer Proficiency:** Students must demonstrate proficiency in the following areas:
- Microsoft Excel – Introductory level
- Microsoft PowerPoint – Intermediate level
- Researching and Formatting Academic Papers

If students have sufficient background in any of these areas, they should take the Proficiency Test administered by the Computer Sciences department; if the results are not successful, they register for a 1-credit course in that area. Courses taken to fulfill a Computer Proficiency must be passed with a grade of C or better to satisfy the proficiency requirement.

**Swim Test:**
All students in the School of Undergraduate Studies are required to pass a Swim Test. The test consists of a head-first entry into the pool; swimming two lengths; three minutes of floating; and two minutes of treading water. **The test is strictly a survival swimming test and not a stroke proficiency test.** Students who cannot swim should register for *PHED-115: Beginner Swimming* where they will learn the skills necessary to survive in the water. Students with Lifesaving Certification are exempt from the Swim Test if they provide their identification card for verification.
Courses to Promote Academic Success
Some students are required to enroll in courses designed to help them prepare for a successful undergraduate experience. Credits for these courses do NOT count towards the minimum credits required for graduation.

- **LRST-100: Learning Strategies:** A one-semester, three-credit course designed to meet a variety of reading and study skills needs, specifically the need to read and understand college level materials effectively. This course is required of any student who scores below predetermined levels on a standardized reading placement exam. Credits earned do not apply towards the total required for graduation.

- **MATH-100: Developmental Math:** May be required following placement testing. Credits earned do not apply towards the total required for graduation.

Non-academic Requirements
Non-academic credits are earned for courses that are required for graduation, but the credit earned for them is not included in the 120 Academic Credit minimum required for graduation.

The following non-academic courses are required for graduation of all students in the School of Undergraduate Studies:

- FYIN-100: First-Year Initiative
- FYIN-101: Career Connections
- PHED - Physical Education: Each student must successfully complete two credits of Physical Education (PHED) courses or participate in a Varsity sport (VARS) for two semesters.

Other non-academic course include:

- LSTR-100: Learning Strategies
- MATH-100: Developmental Math: Basic Skills and Principles

Degrees
Chestnut Hill College awards the following undergraduate degrees: Associate of Arts (AA); the Bachelor of Arts (BA); the Bachelor of Science (BS); and the Bachelor of Music (BM). Only one undergraduate degree may be earned at a time. Students who pursue a double major that crosses degree programs will need to choose a primary program for which the diploma will be issued. Transcripts reflect a second major or minor, however, only one diploma will be issued.

Graduation Requirements
In addition to meeting all of the stated course requirements (academic and non-academic), a student must apply for graduation with the Office of the Registrar and pay the graduation fee. A candidate for graduation must hold a minimum Career Grade Point Average of 2.00 and a minimum Major GPA of 2.00.

Major Studies
Departments may require a maximum of fifteen courses in the major. Courses in the major above the fifteen-course limit may be counted as electives. The minimum number of academic credits required for graduation is 120, however; majors may differ in that requirement. Read the major description section
carefully to determine the number of credits needed for graduation for a specific major. Students may major in one, or two, of the following areas:

- Accounting
- Biology
- Biochemistry
- Chemistry
- Communications
- Communications and Technology
- Computer and Information Sciences
- Computer and Information Technology
- Criminal Justice
- Early Education (Pre-K to 4)
- English Literature
- English Literature and Communications
- Environmental Sciences
- Forensic Sciences
- French
- History
- Human Services
- International Business, Language and Culture
- Management
- Marketing
- Mathematical and Computer Sciences
- Mathematics
- Middle-level Education (Grades 4 to 8)
- Molecular Biology
- Music (Performance)
- Music Education
- Political Science
- Psychology
- Sociology
- Spanish

**Individualized Major**

A student who desires an individualized major designs a program combining at least two disciplines, at least one of which is an existing major. An individualized major is not a double major. In consultation with a faculty advisor and with the support of the involved department chairs, the student prepares a program and submits it to the Dean of the School of Undergraduate Studies for approval. Criteria for acceptance include the coherence of the program, its rationale, and the rigor of its curriculum. Application should be made by the second semester of the Sophomore year or upon completion of 45 credit hours.

The student must work with an academic advisor. With the support of the involved department chairs, the student and the advisor will develop a plan of study to be approved by the Dean of the School of Undergraduate Studies. Application forms may be obtained from the Office of the Dean, School of Undergraduate Studies, St. Joseph Hall, 3rd Floor.

In order to be eligible, the student must have and maintain a career GPA of 3.2. Requirements for the individualized major will include a minimum of 12 courses relevant to the area of study, with no more than 25% at the 100 level. This will include a Senior Seminar supervised by a department with an existing major determined by the student’s advisor and approved by the Dean of the School of Undergraduate Studies, Cecelia Cavanaugh, SSJ. Title of the major will be determined in consultation with the Dean and the student’s advisor.

**Double Major**

Students are permitted to major in two disciplines if they have maintained a career GPA of 3.20 or better. Students who major in two disciplines need to fulfill the requirements of each department; general requirements need to be completed only once. To double major, the student needs the permission of the chairs of both departments and must submit a proposal to the Dean of the School of Undergraduate Studies.
for final approval. Forms for the double major may be obtained from the Office of the Registrar, St. Joseph Hall, 3rd Floor.

**Minor Studies and Certificate Programs**

**Departmental Minors**

Students who wish to pursue a minor in any discipline must obtain a form from the Office of the Registrar. This form should be taken to the chair of the department in which the student wishes to minor. A student may not have more than two minors. A student may choose to minor in one or two of the following areas:

- Art History
- Art Studio
- Biochemistry
- Biology
- Chemistry
- Communications
- Computer Science
- Criminal Justice
- English Literature
- Environmental Sciences
- Foreign Language
- French
- History
- Human Services
- Information Management
- International Business
- Jazz Performance
- Latin/Classical Civilizations
- Management
- Management Information Systems
- Mathematics
- Molecular Biology
- Music
- Political Science
- Programming
- Psychology
- Religious Studies
- Secondary Education
- Sociology
- Spanish
- Special Education
- Web/Multimedia Design

**Interdisciplinary Minors**

In addition to departmental minors, Interdisciplinary Minors are available in the following areas of study. Contact Gale Carlin, Director of Academic Advising, Room 82, 3rd floor St. Joseph Hall for complete information. Telephone: 215/248-7199. Fax: 215/753-3661 Email: carling@chc.edu.

- Gerontology
- Peace and Justice
- Women’s Studies

**Certificates**

Contact Gale Carlin, Director of Academic Advising, Room 82, 3rd floor St. Joseph Hall for complete information. Telephone: 215/248-7199. Fax: 215/753-3661 Email: carling@chc.edu.

- Certificate in Montessori Education
- Certificate in International Studies
- Certificate in Religious Education
- Certificate in Intercultural Foundations

**Grades and the Grading System**

Chestnut Hill College uses an unweighted 4.00-scale grading system.
<table>
<thead>
<tr>
<th>Letter</th>
<th>Quality Points Earned</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>Superior: Superior mastery of subject matter, with evidence of independence and originality of thought.</td>
</tr>
<tr>
<td>A-</td>
<td>3.70</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>3.30</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>Good: Above average mastery of subject matter.</td>
</tr>
<tr>
<td>B-</td>
<td>2.70</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>2.30</td>
<td>Satisfactory: Acceptable mastery of subject matter.</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>1.70</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>1.30</td>
<td>Low Pass: Limited mastery of subject matter.</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>Failure: Deficiency in subject matter.</td>
</tr>
<tr>
<td>P</td>
<td>0.00</td>
<td>Satisfactory performance in courses that are graded Pass or Fail.</td>
</tr>
<tr>
<td>WF</td>
<td>0.00</td>
<td>Withdrawal failure: Given when students withdraw after the approved time period.</td>
</tr>
<tr>
<td>Grade+N</td>
<td></td>
<td>Indicates the course is non-academic and the credits earned do not factor in the Career Total. (Examples: PN; B+N.)</td>
</tr>
</tbody>
</table>

**Pass/Fail Grading Option**

Students having earned at least 24 credits may take electives (up to 4 credits per semester) on a Pass/Fail (P/F) basis. The total number may not exceed 18 credits. Electives are defined as any course not required for a major or minor or the core curriculum. A course may be taken P/F (even a course in the major department), but it will count as an elective and will therefore not be counted toward the requirements for the major or the minor. The only P/F credits that may be counted towards a major or minor requirement are those earned for fieldwork, internships or practica at the discretion of the department. Academic credits earned P/F count towards the minimum 120 credits required for graduation. Failures in a P/F course lower the GPA; a grade of P is not calculated as part of the cumulative grade point average.

Students may change their status from a standard letter grade to P/F or audit (AU) only with permission of the instructor. Requests to make this change must be received in the Office of the Registrar, 3rd Floor St, Joseph Hall by the deadline published in the Academic Calendar.

**Auditing**

Students with Senior status may audit a course if enrollment permits. The credit hours are counted for billing purposes; however they are not counted towards graduation. A grade of AU appears on the official transcript.

**Incomplete Grades**

A student may request a grade of Incomplete (“I”) from the Instructor of a given course. However, Incomplete grades are discouraged and are granted for serious reasons only (e.g., sickness requiring
medical intervention and care, a death in the family, unexpected and unavoidable circumstances which
preclude the completion of work on time). The granting of an “I” is left to the discretion of the Instructor in
consultation with the faculty member, department chair and Director of Academic Advising. The following
procedure must be observed:

1) The student approaches the Instructor to discuss the reasons for the request. Reasons for such a
request must be serious and/or unforeseen, and cannot be remedied in another way within the
time frame of the semester. Requests should normally be made prior to the last week of classes.
Requests made after the last class or final exam meeting will not be accepted or approved.

2) If the Instructor discerns that the reason(s) for the request is reasonable and justified, the Instructor
and student discuss the requirements for the completion of the course including a time-line for the
submission of required materials/assignments. The time-line must not exceed beyond 6 weeks
after the final exam meeting.

3) All Incomplete grades must be finalized before a student can participate in a course which is a
continuation of the course for which the student has requested the Incomplete or which has as a
prerequisite the course for which the student has requested the Incomplete.

4) The student then obtains a “Course Incomplete” form from the Director of Academic Advising. The
student completes the form and then presents it to the Instructor for review and for his/her
signature. After the Instructor signs the form, the student then takes the form to the Department
Chair for his/her signature and then returns the form to the Director of Academic Advising.

5) The Director of Academic Advising will sign the form, retain a copy and then return copies to the
following individuals: 1) the faculty member; 2) the Department Chair; 3) the student requesting
the Incomplete.

6) The Director of Academic Advising will then inform the Registrar of the confirmation of the
Incomplete grade.

7) The student assumes full responsibility to make sure that all the requirements are fulfilled and
submitted to the Instructor in a timely manner. If the work is not completed and submitted at the
end of the work day (4:30 p.m.) designated by the Instructor, then the student will automatically
receive a grade of “F”.

8) The maximum time frame for completion of incomplete work is 6 weeks after the final exam
meeting. The time line cannot be extended once it is agreed to and submitted to the Director of
Academic Advising. For exceptional circumstances that are fully documented the deadline may be
extended with written approval of the Dean of the School of Undergraduate Studies. To obtain this
special approval the student must submit the reasons for the extension in writing to the Dean after
having received approval from the Instructor for the extension.

9) The Instructor will grade all the material and submit the grade to the Registrar three weeks into the
Fall semester for Summer semester incomplete grades, three weeks into the Spring semester for
Fall semester incomplete grades, and at the end of the Summer II semester for Spring semester
incomplete grades.

**Repeated Courses**

**To Earn a Better Grade**

A student may retake a course in an effort to earn a better grade. The student must retake the exact course
and do so at Chestnut Hill College. Academic credits for a course may be earned only once. If a student
retakes a course, the highest grade earned by the student will be used to calculate the student’s GPA. The
lower grade(s) will be forgiven in the calculation of the student’s GPA. However, all instances of a course
and all grades earned in the course will appear on the student’s academic record. If a grade is replaced in
the calculation of a student’s GPA, the forgiven grade will be marked with an asterisk (*) on the student’s academic record and the higher grade will be marked with an “R” for Repeated.

**Accumulated Credit**
Certain courses are able to be repeated and credits accumulated towards graduation. The course description indicates courses that are repeatable for credit.

**Courses Required for a Major or Minor**
The minimum grade requirement in courses required for a major or a minor (including those courses outside of the major department) is C- . All courses for a major or a minor are indicated in the Degrees and Programs section of this catalog. This policy applies to all courses taken by all students in the School of Undergraduate Studies from Fall 2007 forward.

**Withdrawal Guidelines**

**From a Course**
Students are permitted to withdraw from a course or courses with permission of an academic advisor until the date listed on the Academic Calendar. The student must speak with an academic advisor before deciding to stop attending a course. Withdrawing may not be ideal; an advisor will approve a withdrawal only after ensuring the possible academic and financial consequences are understood.

**From the College**
A student who wishes to withdraw from the School of Undergraduate Studies must notify the Office of Academic Advising. Appropriate forms may be obtained from the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215/248-7199. Fax: 215/753-3661. Email: advising@chc.edu.

**Leave of Absence**
A student in good academic standing may interrupt his/her college program by requesting a leave of absence for either one or two semesters. This allows the student to return to the School of Undergraduate Studies within one year. A student who does not return by the end of the leave of absence will be officially withdrawn from the School of Undergraduate Studies and must reapply for admission if he/she wishes to return. Appropriate forms may be obtained from the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215/248-7199. Fax: 215/753-3661. Email: advising@chc.edu.

**Grade Reports**
Grade reports are available to current students via the My CHC Portal – [https://my.chc.edu](https://my.chc.edu); no grade reports are mailed unless requested in writing within 2 weeks of the end of the semester. Former students and alumni wishing to view their grades must request an official transcript. Parents wishing to have grades mailed to them must make the request in writing and be listed on the student’s account as a FERPA waived-contact. Mail requests to: Office of the Registrar, 9601 Germantown Avenue, Philadelphia, PA 19118 or fax to 215/242-7714. Requests should include the student’s name and ID number and must be signed by the parent. Please allow 7 – 10 days for processing via US mail. Grade reports will not be emailed or faxed.

**Grade Appeals**
A student who wishes to appeal a grade should proceed in the following steps. Keep a written record of the relevant dates. Consult the catalog of the school in which the course was taken.
NOTE: In cases where the appeal decision will determine whether or not the student may register for the
next sequential course, the process may be expedited appropriately. In such cases, the student should
arrange the schedule of deadlines with the appropriate Dean at the time of initiating the appeal.

1) The student should contact the instructor within thirty days (School of Undergraduate Studies –
SUS and School of Graduate Studies -SGS) or ten days (School of Continuing
Studies/ACCELERATED -SCPS) of the grade submission deadline (see schedule).
2) The student is encouraged to try to resolve the issue through conversation with the instructor who
has given the grade.
3) If the issue cannot be resolved by conversation, the student may submit a written appeal to the
instructor, along with any relevant materials (papers, tests, assignments, etc.), within ten days
(SUS and SGS) or five days (SCPS). The instructor should respond within one week of receiving the
request with a written statement to the student detailing the reasons for the grade.
4) If the issue remains unresolved by the consultation with the instructor, the student may, within ten
days (SUS and SGS) or five days (SCPS) of receiving the instructor’s written response, appeal in
writing to the chair of the appropriate department, stating the reasons for the disagreement and
presenting evidence in support of the appeal. The chair will respond in writing within two weeks of
receiving the written appeal. If the written appeal is received by the chair between June 1 and the
beginning of the Fall semester, this deadline is postponed to September 15 the (SUS and SGS) or
five days (SCPS) of receiving the chair’s response, appeal in writing to the appropriate Dean.
5) The Dean will form an ad hoc committee to review the issue. This committee will consist of the
Dean and three faculty members chosen in the best interest of the matter at hand. The ad hoc
committee will convene as soon as possible. The appropriate Dean will forward all relevant
materials to the ad hoc committee in sufficient time for them to be reviewed prior to the meeting.
The student and the instructor will present their arguments before the ad hoc committee in one
another’s presence and will both answer questions from the committee. The committee will then
review the evidence in private and reach a decision.
6) The committee will immediately communicate its decision to the appropriate Dean, who will
notify the student of this final decision in writing

Mid-Term Grades
Mid-term grades are issued to all First-year students, transfer students who have not earned/transferred
more than 24 academic credits, student athletes, and students on Academic Warning or Probation. Mid-
term grades are viewed on the My CHC Portal; no mailers are sent regarding Mid-term grades. Transfer
students are considered First-year for registration purposes until an official and final transcript has been
received and evaluated. Mid-term grades may be issued to other students at the instructor’s discretion.

Academic Actions – Warning, Probation, and Dismissal

Academic Warning
An Academic Warning serves as a caution to the student that she/he is in danger of not attaining the
necessary Career GPA average (2.00) to graduate from Chestnut Hill College. The student may be placed
on Academic Warning if his/her cumulative GPA falls below:

- 1.75 prior to the completion of 30 credit hours
- 2.00 prior to the completion of 60 credit hours
**Academic Probation**
A student is automatically placed on Academic Probation if his/her Career GPA falls below:
- 1.75 *at the completion* of 30 credit hours
- 2.00 *at the completion* of 60 credit hours

Students on Academic Probation are limited to a 12 credit course-load. This may affect a student’s graduation date. A student who falls below the required GPA or fails to complete 66% of attempted credits is also in danger of losing his/her financial aid. Refer to Financial Services section for more information.

**Academic Dismissal**
The student is expected to raise his/her level of performance after one semester on Academic Probation. The student placed on Academic Probation for a *maximum* of two consecutive semesters who fails to demonstrate the ability to achieve the minimum, Career GPA (2.00) shall be dismissed from Chestnut Hill College.

**Scholastic Standing**
A student who has a Career GPA of 2.00 or greater is considered to be in “good academic standing.” Letters affirming academic standing are available from the Office of the Registrar and must be requested in writing.

**Credit Load/Overload**
A student enrolled for 12 or more academic credits is considered a Full-time student. A normal credit load is 15 academic credits. Please note that a student on Academic Probation may not carry more than four courses or 13 academic credits.

To enroll for more than 17 hours in a semester, the student must have a minimum GPA of 3.2 for the most recent full-time semester completed. In cases where the demands of a department’s schedule require a student to enroll for more than 17 hours, an exception to the minimum GPA of 3.2 may be made. Please note that such an exception requires the permission of both the advisor and the Director of Academic Advising. Additional tuition, at the current per credit rate, will be charged for academic credits beyond 18.

**Classification of Student Status**
Class level is determined by the number of academic credit hours earned by the student. For Sophomore status, a student must have completed 24 academic credits; for Junior status, 54 academic credits; for Senior status, 84 academic credits.

Online registration is opened for students by class: Seniors have first choice, followed the next day by Juniors, Sophomores, then First-year/unverified transfer students. Status is determined by the credits earned at the College or transferred in to date and does not consider currently enrolled courses in that calculation. Transfer students are considered First-year for registration purposes until an official and final transcript has been received and evaluated.

**Advanced Placement Credits**
Chestnut Hill College accepts Advanced Placement credits* with a score of 3, 4, or 5. A student may receive up to 4 credits per exam, depending on the equivalent college course and contingent on
departmental approval. A student may receive credit for a General Education or Elective course with a score of 3. A score of 4 or 5 may be applied to courses required for the major. The individual department will make all final decisions regarding the allocation of AP credits. Departments may waive certain courses based on the AP score, but the student is responsible for the total required number of hours in the major and the General Education area.

*Exceptions/Information:

**BIOLOGY:** Students that have attained a score of 3 on the Biology exam are not obliged to take BIOL-111: Principles of Biology I. A score of 4 or 5 on this exam also allows the student to opt from taking BIOL-112: Principles of Biology II. A maximum of 4 Biology credits can be applied to the student’s transcript on the basis of having taken Biology with a qualified exam score. Students should consult with their advisors in regards to a recommended chemistry or mathematics sequence. Non-majors obtaining a score of 3 or better on the Biology exam earn 4 credits towards Scientific Ways of Knowing requirement.

**BUSINESS:** Students who receive a score of 3, 4, or 5 in Microeconomics will receive 3 credits for ECON-102: Principles of Microeconomics. Students who receive a score of 3, 4, or 5 in Macroeconomics will receive 3 credits for ECON-101: Principles of Macroeconomics.

**CHEMISTRY:** A grade of 5 will be considered equivalent to completion of CHEM-131: Principles of Chemistry I and CHEM-132: Principles of Chemistry II and the student should consult an advisor for registration. A grade of 4 will be considered equivalent to completion of CHEM-131 and the student may register for CHEM-132. With a grade of 3 the student will be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Ways of Knowing requirement.

**ENGLISH:** A score of 4 or 5 on the English Language and Composition Exam may be accepted as credit for ENGL-101 College Writing depending upon results of the writing placement exam. A score of 4 or 5 on the English Literature Exam will be accepted as three elective credits in English at the discretion of the department.

**HISTORY:** AP credit for a History course is given to those students who have attained a test score of 3 or better. It may be counted as a general elective but not as one of the 12 courses required for graduation.

**LANGUAGES:** A score of 3 in Language or Literature is equivalent to the 103 course in the respective language, worth 3 credits. The student must then either pass the Proficiency exam or take 104 to satisfy the language requirement. A score of 4 or 5 in Language is equivalent to any Language 221: Advanced Grammar and Composition. This satisfies the language requirement for non-majors. A score of 4 or 5 in Literature is equivalent to an introductory course in literature, assigned at the discretion of the Department, and worth 3 credits. This also satisfies the language requirement for non-majors.

**MATHEMATICS:** Students who earn a score of 3 in Calculus AB will receive 4 credits for MATH-203: Analytic Geometry and Calculus I. Students who earn a score of 4 or 5 in Calculus AB or a score of 3 in Calculus BC will receive 3 credits for MATH-204: Analytic Geometry and Calculus II. Students who earn a score of 4 or 5 in Calculus BC will receive 3 credits for MATH-212: Calculus and Modern Analysis II. Students who earn a 3 in Statistics will receive 3 credits for MATH-227: Introduction to Statistics. Students who earn a score of 4 or 5 in Statistics will receive 3 credits for MATH-262: Probability and Statistics.
MUSIC: The College does not accept any scores from the Advanced Placement Music Theory examinations. All prospective Music and Music Education majors complete a Theory Placement Test at the time of their auditions. This test determines the beginning theory class for the first semester.

PHYSICS: A grade of 4 or higher in Physics B: Mechanics will be considered equivalent to PHYS-121: Principles of Physics I. A grade of 4 or higher in Physics B: Electricity and Magnetism will be considered equivalent to PHYS-122: Principles of Physics II. A grade of 3 or higher on the Physics C exam is not equivalent to PHYS-121 or PHYS-122 but the student will be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Ways of Knowing requirement.

POLITICAL SCIENCE/GOVERNMENT: A student who has received a score of 4 or better on the American Government test or the Comparative Government test may count that AP course as satisfying the requirements for PSCI 113: American Political Process or PSCI-230: Introduction to Comparative Politics, respectively. A student who has earned a score of 3 on either the American Government test or the Comparative Government test may count that result as equivalent for a general elective course for graduation, but students may not count that result as a Behavioral Way of Knowing or as one of the courses required for the political science major or minor.

Graduate Courses
A student may begin work in the School of Graduate Studies while fulfilling the requirements for an undergraduate degree if the student’s academic performance and promise justify such action. Credits earned in excess of those required for the undergraduate degree may be offered toward an advanced degree. The student must have Senior status, a Career GPA of 3.00, and permission of the department chair and Dean of the School of Graduate Studies. The combined number of graduate and undergraduate credits may not exceed 15 per semester. Registration is on a space-available basis; the student must comply with any required course sequencing and must fulfill all prerequisites. Full-time undergraduates who register for both undergraduate and graduate courses pay no additional tuition or fees. Part-time undergraduates who register for graduate courses must pay the graduate tuition rate.

Transfer Credits
A student transferring to Chestnut Hill College may bring in up to 75 credits towards the program requirements. Students that transferred in must earn a minimum of 45 credits at Chestnut Hill College. A maximum of 15 credits from Advanced Placement, Challenge, or CLEP may be included among the 75 credits transferred to the College.

Transfer credits will be awarded for only those courses in which a grade of “C” or better has been earned. Decisions on transferred credits are made on a case-by-case basis and may require the student to provide additional documentation before a decision is made.

Courses at Another Institution
St. Joseph Hall, 3rd floor
Telephone: 215/248.7199. Fax: 215/753.3661. Email: advising@chc.edu.

All students are required to take the last year (Senior year) of course work at Chestnut Hill College and transfer credits are not accepted from a Community or Two-year College once a student has achieved
Senior status (84 credits). Under ordinary circumstances, matriculating students are not permitted to take courses in the major field at other institutions. Exceptions are permitted for study abroad and for attendance at SSJ/CSJ Consortium Schools. Transfer credits, other than those earned at LaSalle University, may not be earned during the Fall and Spring semesters. Students who wish to take courses at other colleges or universities during the summer must have the courses approved by their academic advisor and by the Office of Academic Advising. Permission to Study Off Campus forms are available from the Office of Academic Advising.

Although transfer credits are added to the total number of credits earned, they are not included in the student’s Career GPA unless they are earned at LaSalle University or at a SEPCHE institution. Credits earned while studying abroad are not included in the Career GPA except when part of an official program sponsored by the College. Transfer credits will be awarded for only those courses in which a grade of “C” or better has been earned.

**Alternative Assessments**

There are several alternate ways by which matriculated, full-time students may earn credit for courses at Chestnut Hill College; namely, through challenge examinations and portfolio assessment. Application for each of these experiences must be made through the Office of the Director of Academic Advising and approved by the Dean of the School of Undergraduate Studies, after consultation with the department involved. The deadline for such application is the same as the deadline for dropping or adding courses. An evaluation equivalent to a grade of “B” is required for credit to be given for these alternative methods of assessment. A non-refundable fee equal to one-third the cost of the course is payable upon application. A maximum of 15 credits in AP, Challenge, and CLEP combined will be accepted towards a Chestnut Hill College degree. These credits will also be included among those transferred into the College.

**Challenge Examinations**

A matriculated, full-time student, who, by virtue of academic or professional background, can demonstrate mastery of certain courses without formal enrollment in such courses, may choose to challenge the course and obtain academic credit. A student may challenge up to 12 credits, but may not challenge a course previously failed. All challenge examinations must be completed prior to registration for the final fifteen credits required for the degree. A fee is charged for this service.

**Portfolio Assessment**

A matriculated, full-time student may present, in a portfolio, a compilation of data organized in an approved format to demonstrate college-level knowledge sufficient to be awarded credit for a course in the current college catalog. A complete description of the process involved in proposing, fulfilling, and submitting a portfolio may be obtained in the Office of the Director of Academic Advising. A fee is charged for this service.

**College Level Examination Placement (CLEP)**

Each academic department determines which CLEP examinations will be accepted. Credit for CLEP will be given after the student has earned 15 credits at CHC but prior to registration for the final 15 hours of credit for graduation from the College.

Transfer students must take a total of forty-five (45) credits at Chestnut Hill College. A maximum of fifteen (15) credits from Advanced Placement, Challenge, or CLEP may be included among the 75 credits
transferred to Chestnut Hill College. A maximum of 15 credits in AP, Challenge, and CLEP combined will be accepted toward a Chestnut Hill College degree.

**Conferral, Graduation and Diplomas**

Degrees are conferred three times per year: August, December, and May. A student is not considered to be graduated until the Office of the Registrar has recorded a transcript notation, which may take some time following the official conferral date.

There is one graduation ceremony per academic year held in May. Students who graduated the prior August or December are welcome to participate in the ceremony. No student who has coursework yet to complete is permitted to participate in the graduation ceremony. No student with any type of Hold on their account will be allowed to participate in the graduation ceremony.

The Chestnut Hill College undergraduate diploma is written Latin; features the signatures of the President, the Vice President for Academic Affairs, the Dean of the school, the Registrar; and bears the official school seal. Diplomas are issued at Commencement in May or via the US Mail following conferral. Beginning August 2010 Latin Honors will be printed on diplomas.

**Honors: Distinctions and Societies**

**Dean’s List**

The Dean’s List for full-time students (those taking a minimum of 12 credits that earn quality points) is published twice each academic year, following the Fall and Spring semesters. A GPA of 3.60 is required. The Dean’s List for part-time students is published once every September. To be eligible, part-time students must have completed a minimum of twelve credit hours during the preceding 12 months. The general average for the twelve months must be 3.60. Dean’s List honors are not awarded retroactively due to an adjustment in GPA as the result of repeated coursework.

**Departmental Honors**

Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

**Latin Honors**

Students graduate with honors if their final Career GPA is: 3.60, *cum laude*; 3.75, *magna cum laude*; 3.90, *summa cum laude*. Beginning August 2010, Latin Honors will be indicated on diplomas in addition to the official transcript.

**Honor Societies**

*Delta Epsilon Sigma*, the national scholastic honor society for students of Catholic colleges and universities, established its Alpha Upsilon Chapter at Chestnut Hill in 1941. Eligibility for election to
membership is limited to Juniors and Seniors with a Career GPA of 3.50 or above who have earned 50% of the credits necessary for graduation. Nomination is limited to the top 20% of the class. Once designated as eligible, the student must submit an application to the Honors Committee.

**Kappa Gamma Pi** is the national Catholic college graduate honor society. Membership is based on scholarship, leadership and service and no more than 10% of the graduating class may be elected to membership. Once designated as eligible, the student must submit an application to the Honors Committee. To be eligible for baccalaureate membership an individual must graduate from a regionally accredited four-year college that has established an affiliation with Kappa Gamma Pi, and must meet the following requirements:

- By the end of seven semesters or equivalent, they have attained a Career Grade Point Average sufficient for graduation with honors (3.600).
- They have demonstrated a good record of service activities.
- They have shown outstanding leadership in extracurricular activities.
- They are currently matriculated students of the college.
- They desire to be members of the Society.
- They willingly accept the responsibility for individual leadership in church, civic and/or Kappa activities.
- Members are selected in recognition of past accomplishments and also in anticipation of future service.

**Alpha Lambda Delta** is a national honor society that honors high scholastic achievement during the first year in college. The Chestnut Hill chapter of this society received national affiliation in 1993. Students with a GPA of 3.50 at the end of their first or second semester are eligible for election.

**Psi Chi**, the national honor society in Psychology, is an affiliate of both the American Psychological Association and the American Psychological Society. Membership in the local chapter requires a major or minor in Psychology; a ranking in the top 35% of the class; a Career GPA of 3.2; a Psychology GPA of 3.50; Junior standing; and the completion of four or more Psychology courses.

**Phi Alpha Theta**, the History Honor Society, requires a Career GPA of 3.00 and a 3.10 average in History. Eligible candidates must have completed a minimum of 12 semester hours of coursework in History and must be in the top 35% of their class.

**Kappa Delta Epsilon** is an honorary professional society, the purpose of which is to promote the cause of Education by fostering a spirit of fellowship, high standards of scholastic attainment, and professional ideals among its members.

**Alpha Sigma Lambda - National Honor Society** recognizes adult students in higher education who have achieved academic excellence and leadership while fulfilling the many responsibilities of family, work and community services. In 1987, the College received approval to establish a chapter (Epsilon Sigma). Potential inductees must be matriculated in the School of Continuing Studies ACCELERATED Program or as Kirby students in the School of Undergraduate Studies and have a earned a minimum of 30 semester hours. Members shall be selected only from the highest 10% of the population and have a minimum GPA of 3.60.
Alpha Lambda Adult Education Foundation, created in 1983, is devoted to the advancement of scholarship. Applicants must be at least 24 years of age, be matriculated in a degree program, and must have at least a 3.60 GPA with thirty or more semester hours completed.

Sigma Beta Delta, the International Honor Society for Business, Management, and Administration that encourages and recognizes scholarship and accomplishment among students of business, management and administration, established its Chapter at the College in 2006. Eligibility for election to membership is limited to those students that rank in the upper 20 percent of their class and have achieved a Career GPA of 3.50 at the time of invitation to membership following completion of at least one-half of the degree program in which they are enrolled. Transfer students who meet the qualifications for membership may be inducted after they have completed a minimum of one term of academic work in the department of business or college.

Sigma Tau Delta is the international honor society for students of English language and literature. Membership in the local chapter requires a major or minor in English or English and Communications, a ranking in the top 35% of the class, a GPA of 3.00 in the major or minor, completion of three semesters of coursework at the College, and completion of two courses in English (not including ENGL-101: College Writing).

Theta Alpha Kappa the National Honor Society for Religious Studies and Theology was established in 1976 for the purpose of recognizing the academic achievements of religion and theology students, and the academic excellence of scholars in these fields. Induction into TAK requires nomination by the local chapter, a 3.50 GPA in Religious Studies, and a 3.00 Career GPA.

Epsilon Pi Tau is the International Honor Society for Technology. The Honor Society recognizes academic excellence of students in fields devoted to the study of technology and the preparation of practitioners for the technology professions. Students need to complete at least 18 credits in computer science and/or computer technology (CMTC-190 and above), maintain a Career GPA of 3.00 and a GPA of 3.25 in the major. Eligible students must also be ranked in the top 35% of their class and approved by department faculty.

Additional Awards and Honors
The Saint Catherine Medal is presented annually to one Sophomore or Junior student who represents the high ideals of a Catholic college education. Faculty members, staff, and students submit names of nominees. Of the nominees who apply, selection is based on evidence of leadership and service to the College. Of the nominees who apply, selection by the Honors Committee determines the candidates who will continue in the process and be interviewed by the committee. Final Selection is based on evidence of leadership and service to the College.

The Dorothea E. Fenton, ’28, Memorial Medal is presented annually to a Senior nominated by faculty, staff and students “in recognition of eager pursuit of all that pertains to the higher life of the spirit and gracious courtesy in the contacts of life.” The medal bears the inscription, “The fruit of the Spirit is charity.” From the nominees whose names are submitted, the Honors Committee determines the award winner.
The Matthew Anita MacDonald, SSJ, Ph.D. Award is presented each year to a Kirby student (Kirby students are non-traditional age women and men in the School of Undergraduate Studies.) It is given in recognition of Scholastic Achievement, Leadership and Community Service. A list of Kirby Students is given to the faculty, staff, and students who submit names of nominees. From the nominees whose names are submitted, the Honors Committee determines the award winner.

The Lynnette S. Bishop Medal of Valor, presented to the late Lynnette S. Bishop in 2010 and named in her honor, is presented to a member of Chestnut Hill College who has demonstrated extraordinary valor in the pursuit of the goals of a Higher Education.

The Who’s Who in American Colleges and Universities is open to graduating Seniors with a Career GPA of 3.00. Applicants are evaluated according to scholarship ability, participation and leadership in academic and extra-curricular activities, citizenship and service to the College, and potential for future achievement.

Interdisciplinary Honors Program
The Interdisciplinary Honors Program (IDHP) offers outstanding, motivated students an alternative to fulfilling requirements in the Core Curriculum. A three-credit introductory course fulfills the Writing Proficiency requirement and three team-taught interdisciplinary year-long seminars fulfill the writing intensive, Ways of Knowing (except Science), ILAR-101: Introduction to the Liberal Arts, and GLST-201: Global Studies Seminar requirements.

The IDHP promotes liberal education by stressing interconnections among different fields of study and by challenging students and faculty alike to teach and to learn. Qualified and interested students may apply for the complete Interdisciplinary Honors Program or for a single Honors seminar; preference is given to students pursuing the complete program. For more information, please see the Interdisciplinary Honors Program (IDHP) section in Degrees and Programs.

Special Programs
Academic Advising
St. Joseph Hall, 3rd floor
Telephone: 215/248.7199. Fax: 215/753.3661. Email: advising@chc.edu

The Office of Academic Advising provides students with help in subject areas, study abroad, and other advising and course registration questions

Cooperative Education
St. Joseph Hall, 3rd floor
Telephone: 215/248.7032. Email: murphyr@chc.edu

The School of Undergraduate Studies’ Cooperative Education Program enables students to explore the practical applications of their major areas of study by working in salaried jobs in business, industry, or government. It is a full-time paid work experience, usually for 35-40 hours per week over a four to six month period. Usually no more than one additional 3 credit course is taken while participating in Cooperative Education.
Internships
St. Joseph Hall, 3rd floor
Telephone: 215/248.7032. Email: murphyr@chc.edu.

An internship is a supervised work learning experience that takes place outside the classroom and preferably at an off-campus site. The intern commits to a minimum of 96 hours per semester. The internship may be a part of a full- or part-time course load. It may be paid or volunteer. Internships are offered in both major and minor fields of study and are graded on a Pass/Fail basis only. Students in the School of Undergraduate Studies who engage in a summer internship:

- May receive academic credit for the internship in the fall semester immediately following the summer internship, but must have the experience approved by his/her advisor and the Career Services office before beginning the internship.
- Must register for and fulfill all the requirements for an internship according to policy.
- Must pay for any credits exceeding 36 in the academic year following the internship.
- Must report to the faculty member charged with internships in the department during the fall semester to earn credit.

Study Abroad
St. Joseph Hall, 3rd floor
Telephone: 215/248.7071. Fax: 215/753.3661 Email: advising@chc.edu

A Career GPA of 3.00 and approval of the Office of Academic Advising allow an upper-class student to pursue organized study in a foreign country. The student must obtain written approval of the course of study from the Chair of the major department. In the case of an Individualized major, the student must obtain written approval from the Chairs of each department. In recent years, Chestnut Hill College students have studied in London, Paris, Lyon, Rome, Bologna, Madrid, Vienna, Salzburg, Dublin, Argentina, Costa Rica, Guatemala, Nicaragua, Mexico, Turkey and New Zealand.

The Foreign Language and Literature, English, Education and Art Departments also sponsor inter-sessions abroad during semester break. Students can earn two or three credits through these inter-sessions. For more information about study abroad, contact the Office of Academic Advising.

Chestnut Hill College has an affiliation agreement with Regent’s College, London that provides students with an opportunity to study for a semester or summer session in London. In addition, the College has the opportunity to offer short courses at Regent’s throughout the year. Additional Study Abroad Affiliation Agreements are with the following:

- The American Business School, Paris (IGS International)
- Centre d’études Franco-Américain de Management: International School of Business and Management (CEFAM), Lyon, France
- Cours de Civilisation Française de la Sorbonne, Paris, France
- Seisen University, Tokyo
- Saint Louis University in Madrid, Spain
- Universidad Internacional, Cuernavaca, Mexico
To be eligible, students must be full-time, in their third-year of study or the first semester of their fourth year while in London and must have a minimum GPA of 3.00. Applicants must have completed one or more semesters of full-time study at Chestnut Hill College at the time of application.

**Articulation Agreements**

Fournier Hall, 1st floor
Telephone: 215/248.7001. Fax: 215/248.7082. Email: chcapply@chc.edu.

Chesnut Hill College has curricular and transfer partnerships with several two-year institutions, including but not limited to Community College of Philadelphia, Delaware County Community College, Manor College, Montgomery County Community College and Salem Community College. See the Office of Admissions for updates on transfer partnerships, and for detailed information about dual admissions, core-to-core transfer opportunities, and transfer scholarships.

**Dual-Degree Programs**

- Chestnut Hill College and Arcadia University cooperate in offering a dual-degree program leading to a Bachelor of Science in Biology, Bachelor of Science in Molecular Biology, or Bachelor of Science in Chemistry at Chestnut Hill College and the Master of Medical Science: Physician Assistant Program (MMS) at Arcadia University. This is a ‘4+2’ agreement in which qualified Chestnut Hill College students meeting the criteria will be admitted to the Physician Assistant Program at Arcadia University. Students interested in this program should contact the Chair of the Department of Biology or the Chair of Department of Chemistry.

- The College of Health Professions of Thomas Jefferson University cooperates with Chestnut Hill College in offering dual-degree programs leading to the Bachelor of Science in Biology or Chemistry, or the Bachelor of Science in Medical Technology, Biotechnology, Cytotechnology, or Cytogenetic Technology. After four to six semesters at Chestnut Hill, students who meet established criteria will be admitted to upper division courses in the College of Health Professions at Thomas Jefferson University. The program may require summer study in addition to regular sessions. The College of Health Professions also offers a 12 month Post-baccalaureate Certificate Program for students who wish to complete their undergraduate degrees in Biology or Chemistry entirely at Chestnut Hill College.

- The College of Podiatric Medicine of Temple University and Chestnut Hill College cooperate in providing a joint undergraduate professional program leading to the Bachelor of Science in Biology or Chemistry and to the degree of Doctor of Podiatric Medicine. After completion of 90 undergraduate credits at Chestnut Hill College, students who meet the criteria will be admitted to Temple University’s College of Podiatric Medicine. This program requires summer study in addition to the regular sessions.

**Cooperative Programs**

St. Joseph Hall, 3rd floor
Telephone: 215/248.7199. Fax: 215/753.3661. Email: advising@chc.edu.

The cooperative agreement with LaSalle University enables full-time undergraduate students to take courses at LaSalle during the Fall and Spring semesters at no extra charge. Students receive full credit for these courses which are included in the grade-point average. Students need the permission of their academic
The Sisters of St. Joseph Association of Colleges Student Exchange Program offers Chestnut Hill College students the opportunity to enrich their educational experience by studying for a semester or a year at one of seven other colleges founded and/or operated by the Sisters of St. Joseph: Avila College (Kansas City, MO); Elms College (Chicopee, MA); Fontbonne College (St. Louis, MO); Mount St. Mary’s College (Los Angeles, CA); Regis College (Weston, MA); The College of St. Catherine (St. Paul, MN); and The College of St. Rose (Albany, NY). Contact the Director of Academic Advising for information.

Chestnut Hill College full-time undergraduate matriculated students paying full-time tuition may register for up to two undergraduate courses a year at any other Southeastern Pennsylvania Consortium for Higher Education (SEPCHE) member institution. The Southeastern Pennsylvania Consortium for Higher Education (SEPCHE) includes Arcadia University, Cabrini College, Chestnut Hill College, Gwynedd-Mercy College, Holy Family University, Immaculata University, Neumann College, and Rosemont College.

The Cross Registration program is designed to provide increased educational opportunities for students of any member institution. Through this program, students have the option to take courses that are not being offered at their home campus and to experience the varied and diverse resources on member campuses across the Delaware Valley.

Students must have completed at least one year as a full-time student at their home campus before taking courses through the Cross Registration program. Courses may not be taken at a member institution if that course or its equivalent is offered at the home institution in the same semester. No tuition or fees will be charged by the host institution, except for special or extra fees that are part of the courses taken, such as lab fees. The Cross registration functions only in Fall and Spring semesters, and does not apply to accelerated or weekend courses, independent study, study abroad, tutorials, internships, practicum field experience, student teaching, private music lessons, or per credit hour or graduate students.

**Policies**

**Academic Integrity**

Academic integrity, which is essential to the mission of Chestnut Hill College, consists in responsibility and honesty in the fulfillment of academic duties and is vital to the Chestnut Hill College community of scholars. Academic Integrity promotes trust, mutual respect, cooperation, and the advancement of learning. Academic Integrity requires:

- Careful and thorough preparation for classes, including reading, completion of assignments, finding required background material, and reflecting on relevant issues.
- Regular and prompt attendance for the entire class session unless there is a serious reason for absence.
- Effort to maintain careful and focused attention during class.
- Participation in class discussion by both speaking and listening.
- Consistent attendance at lectures, events, study groups, and/or conferences with the instructor, as required or suggested by the instructor.
- Asking questions and seeking appropriate assistance from peers, academic support staff, and instructors, as needed.
- Respect for instructors and students.
Careful and thorough preparation for and complete honesty in fulfilling assignments, writing papers, citing sources, and taking tests and examinations.

Speaking to any student observed in violation of academic integrity, to discourage such violation. If this is not successful, reporting the violation to the instructor.

**Cheating and Plagiarism**

Cheating and plagiarism destroy the trust and mutual respect that are essential to a community of learning. These behaviors violate the deepest convictions of the College community and are infractions of Academic Integrity. Plagiarism is defined as the submission of work (written work, art work, musical composition, oral presentation, software program, experimental design, etc.) that incorporates ideas from another individual (student, teacher, author, etc.) and presents these ideas as one’s own without adequate acknowledgement of the source.

The following acts are examples of cheating, though the list is not exhaustive:

- Using materials not specifically allowed by the instructor during the taking of an examination, test or quiz, such as:
  - material written by another student during the taking of an examination, test or quiz, either with or without his or her knowledge
  - crib notes
  - texts and/or supplementary marginal notations in texts
  - notes written on any object in the room in which examination is being taken
  - unauthorized calculators or any other unauthorized aids.

- Collaborating during an in-class examination, test or quiz, either in the giving or receiving of information or improper collaboration on a take-home examination or laboratory report.

- Stealing, using or transmitting verbally or otherwise, actual examinations, tests, quizzes or portions thereof, or other likewise confidential information before or during the time of the exam. Once an exam has been given it becomes part of the public domain.

- Submitting for a grade in one class any material previously or simultaneously submitted for a grade in another class without documented authorization from both instructors.

- Taking an examination by proxy.

- Falsifying of laboratory or research data or results; or falsifying or inventing bibliographical entries for research papers.

- Withholding knowledge of an incident of cheating or plagiarism from the individual instructor to whom the work is submitted.

- Knowingly participating in another student’s act of cheating or plagiarism.

The following acts will be deemed acts of plagiarism, though the list is not exhaustive:

- Presenting published or unpublished work prepared by others, or dictated by others, as one’s own, including papers purchased or borrowed from any person or organization.

- Presenting, as one’s own, reports or exercises copied from or dictated by others.

- Incorporating formal lecture notes or information from textbooks into as one’s own work without acknowledgement and thus presenting them as your own.

- Presenting, as one’s own, a computer solution developed by someone else.

- Copying the ideas, and/or speculations, and/or language of any other person or persons, without acknowledgement, and presenting this as one’s own original work.
**Penalties**

Faculty members are responsible for determining when a violation of academic integrity has occurred, as well as for reporting and providing penalties for this violation. Because consequences may differ when multiple infractions have occurred, all violations must be reported to the Dean, School of Undergraduate Studies. The Dean’s office is responsible for keeping track of the number of times a student is reported.

Penalty levels:

- A: Remediation/written warning
- B: Assignment of additional work
- C: No credit for the test or assignment
- D: Failure of the course
- E: Suspension from participating in optional College activities such as SGA, athletics, honor societies and programs, etc.
- F: Dismissal from the College

A faculty member may impose any of the penalties A through D at his/her discretion; however, the faculty member should first check with the Dean to determine whether the student has previous infractions of Academic Integrity.

When imposing a penalty, a faculty member must send a report to the Dean’s office, including the name of the student and a description of the violation and the penalty imposed. Forms are available in the Office of the Dean, School of Undergraduate Studies and in the Faculty manual.

Penalty E is enacted by the Dean of the School of Undergraduate Studies, Cecelia Cavanaugh, SSJ, when the violation is severe or when the student has multiple infractions. Penalty F can only be enacted by the President in consultation with the Dean. Even a first offense, if severe, may incur these penalties.

**Appeals**

A student reported to the Dean of Undergraduate Studies for a violation of Academic Integrity may appeal the charge according to the following procedure:

1) Academic Integrity cases should first be addressed between the faculty member and the student in an effort to reconcile their differences. If the faculty member determines that a violation of Academic Integrity has occurred, he or she will complete the appropriate form and submit the form to the Dean.

2) If the student disagrees with the charge, he or she will have three weeks from receipt of notification to present an appeal in a signed letter to the Dean. It is the charge that is in question, not the penalty. All participants in the hearing must have three working days notice of the hearing.

3) The Appeals Board for the School of Undergraduate Studies will be composed of four members: the Chair of the Academic Standards Committee, the SGA Vice-President for Academic Affairs or another student appointed by the Dean, one other faculty member appointed ad hoc by the Dean, and the Dean of the School of Undergraduate Studies. If either the Chair of the Academic Standards Committee or the student representative has a conflict of interest, the Dean will appoint a replacement. The first three members are voting members. The Dean will moderate the discussion but will not vote.

4) If the case is brought to the Appeals Board, both student and faculty member will submit relevant evidence (including a list of witnesses) to the office of the Dean three working days before the hearing. If more than one student is involved, each will have a separate hearing. No attorneys or
parents/guardians are to be present at this hearing. Only individuals approved by the Dean may be present at the hearing.

5) The Appeals Board will pronounce on the charge, not the penalty. If the student is found innocent, the sanction is lifted. Otherwise it remains as imposed. The decision of the Board is final. The Dean will communicate the decision to the student within ten working days of the hearing.

Class Attendance
There is a relationship between the academic success of the student and his/her class attendance. The School of Undergraduate Studies expects its students to accept their responsibility to attend class regularly and promptly. An instructor may lower a student’s grade because of absences from class. It is the responsibility of the instructor to set forth in writing at the beginning of a course any special conditions regarding absence in the course. A student who finds it necessary to be absent from class should, if possible, inform the instructor in advance of the absence. If absences occur, it is the student’s responsibility to make up whatever work has been missed. Permission to make up laboratory assignments, studios, quizzes, and examinations may be granted at the discretion of the instructor. When an instructor determines that a student’s progress is being seriously impeded by excessive absences from class or by other difficulties, the instructor will refer the student to the Director of Academic Advising.

First-Year Students
To reinforce the importance of regular class attendance, and in the interest of maximizing success for students as they begin their college experience, First-year students are limited to as many absences as the class meets per week (one 3 hour class, two 75 minute classes, or three 50 minute classes). Faculty members have the right to reduce the number of excused absences at their discretion and this will be written into their syllabi. A first-year student who does not adhere to this policy will be referred to the Director of Academic Advising. Excessive absences may result in a reduced grade or failure in the course.

Athletes
Recognizing the importance of regular class attendance and the contribution made by the student athletes, a special attendance policy has been established for student athletes. The Athletic Department will do everything possible to minimize a conflict with scheduled games and class times and the student should seek to schedule classes so there is minimal overlap with practice and scheduled games. When conflicts occur despite these efforts, the student who officially represents Chestnut Hill College in intercollegiate athletics may be excused from class for participation in athletic contests. A student athlete, in making the decision to miss class for a scheduled game, does so knowing that what is lost from the classroom experience cannot be retrieved, nor is it the responsibility of the Instructor to inform the student concerning what transpired. The student, however, should not be penalized for the absence beyond the lost classroom experience. These excused absences apply only to officially scheduled games and not to practice sessions. A student athlete may be excused from classes that conflict with scheduled contests under the following conditions:

- The student is currently maintaining a Career GPA of 2.00 or above.
- The student has demonstrated regular attendance outside of athletic events.
- The student is accountable for all work missed and is responsible for obtaining all lecture notes, handouts, and assignments from another student in the class.
- The student is also responsible to make arrangements with faculty regarding missed tests, exams, presentations, etc.
- If the student needs additional help with the work, she/he must obtain a tutor and be willing to commit a certain number of hours to tutoring. Tutors can be paid for their services by informing
the Director of Student Learning Services and by abiding by the stipulations set forth in the Tutoring Handbook.

- The student submits to each Instructor, during the first two weeks of classes, an Intercollegiate Athletic Release Form which informs his/her Instructor when she/he expects to be absent, arrive late or leave early for each class for each semester.

- If a game is canceled or rescheduled during the semester the Instructor must be informed, in writing, immediately if the scheduled game conflicts with class time. A student athlete may miss a maximum of 2 weeks of classes according to the following schedule:
  - Evening Classes (meeting once a week) - 2 classes
  - 75 Minute Day Classes (meeting twice a week) - 4 classes
  - 50 Minute Day Classes (meeting three times a week) - 6 classes

This agreement can be revoked under the following conditions:

- In the judgment of the Instructor the student’s class performance and academic progress is being seriously jeopardized.
- If a student receives a grade of F in any course or is placed on Academic Probation, the excused attendance policy is forfeited for the following semester.
- Exceptions to the above policy may have to be made during tournament games.

**Athletic Participation Policy**

Any athlete who falls below the required Term GPA or 2.00 in a given semester may request being put on provisional status. This appeal is made only under extenuating circumstances that do not include needs of the team. The athlete’s appeal must be accompanied by statements of support from the director of Athletics and/or the appropriate coach, the student’s advisor and all Instructors in whose classes she/he earned a grade of C- or lower in the previous semester.

The appeal letters will be reviewed by a committee consisting of the Director of Athletics, the Dean of the School of Undergraduate Studies, the Dean for Student Affairs and the Faculty Athletic Representative. In general, provisional status is not granted for consecutive semesters; this decision will rest with the committee who will consider the student’s situation and calculate the GPA required for achieving the 2.00.

**Sexual Harassment**

It is the policy of Chestnut Hill College that no administrator, faculty member, staff member or student shall be subject to sexual harassment by another.

**Rationale**

Chestnut Hill College values right relationships, respect for all and shared responsibility. Therefore, the College is committed to fostering an educational and working environment that is free from sexual harassment. In recognition of and respect for the dignity of all at the College, sexual harassment in any form cannot be tolerated. This policy directly supports our mission in the areas of shared responsibility, social justice, and communal respect. The last decade has witnessed a heightened awareness in our society of the various forms of sexual misconduct; and a deep and sincere concern for the entire College community prompts us to form a policy on Sexual Harassment.
Chestnut Hill College is dedicated to compliance and cooperation with applicable laws and programs of the United States of America. The following policy has been adopted to carry out the intent of laws, to inculcate the College values into daily professional lives and to integrate the College Mission Statement into College policy.

The purpose of this policy is:
- to educate the community on the definition of sexual harassment,
- to outline the steps necessary to deal most effectively with cases involving allegations of sexual harassment, and
- to define the rights and responsibilities for members of the Chestnut Hill College community.

**Legal Definition**

Harassment on the basis of sex is a violation of Section 703 of Title VII of the 1964 Civil Rights Act and Title IX of the Educational Amendments of 1972. Unwelcome sexual advancements, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when:
- submission to such conduct is made either explicitly or implicitly a term or a condition of an individual’s employment or academic advancement;
- submission to or rejection of such conduct by an individual is used as a basis for employment or academic decisions affecting that individual; or
- such conduct has the purpose or effect of unreasonably interfering with an individual’s academic or work performance or creating an intimidating, hostile, or offensive educational, living or working environment.

**Scope**

The policy and the procedures set forth herein apply to and cover all members of the College community without exception. The College community includes all administrators, faculty, staff, and students. Members of the College community who are traveling abroad on College business or due to a College course are expected to comply with this policy regardless of local laws and/or customs.

**Reporting a Complaint**

All members of the College community, as defined above under Scope of Policy, who believe they may have been subject to sexual harassment, herein Complainants, shall submit their complaint to a Designated Complaint Recipient. Designated Complaint Recipients, herein Recipient(s), are:
- the Assistant to the President for Administration and Special Projects,
- the Vice President for Financial Affairs, and
- the Vice President for Academic Affairs

The recipient will notify the President of all complaints. The President will confidentially contact the College’s attorney and, with the Recipient, determine the appropriate procedure to follow to ensure timely and confidential resolution to the complaint.

**Responsibilities**

All members of the College community are responsible for ensuring that their conduct does not sexually harass any other member of the College community. This same responsibility extends to employees of third parties who are either doing business with the College or are on the College campus and to other campus visitors. Further, all members of the College have the responsibility of preventing and eliminating sexual
harassment. If administrators and supervisors know sexual harassment is occurring, receive a complaint of sexual harassment or obtain other information indicating possible sexual harassment, they must take immediate steps to inform a Designated Complaint Recipient to ensure the matter is addressed even if the problem or alleged problem is not within their area of oversight. Faculty, staff, and students likewise must inform a Designated Complaint Recipient if they have reason to believe sexual harassment, as defined above, is occurring. Individuals who believe that they have been subject to sexual harassment are responsible for informing a Designated Complaint Recipient in a prompt and timely manner. The effective investigation of possible incidents and early resolution of complaints cannot be effectively accomplished when individuals fail to come forward with their complaint within a reasonable time period. It is the responsibility of each member of the campus community to ensure that such incidents do not go unreported. In internal proceedings, the College in general will not be sympathetic to a defense based on consent when the situation is such that the Accused had the power to affect the Complainant’s employment status or future prospects.

**Confidentiality**
Chestnut Hill College requires that, in all cases, claims of harassment be kept confidential by the person bringing the claim, by a witness interviewed, as well as the person alleged to be the harasser. In all cases, we will advise the complaining employee or student and the accused of the outcome of the investigation.

**Cancellation of Scheduled Classes**
The School of Undergraduate Studies reserves the right to cancel a class with insufficient enrollment and to restrict certain courses to special populations. The Office of the Registrar will do its best to notify students of the cancellation so that an alternative choice can be made.

**Participation in Assessment Research**
Ongoing assessment of student learning is expected of all colleges and universities. Assessment projects search for evidence of the effectiveness of various instructional techniques and educational experiences by using such tools as surveys, interviews, focus groups, and/or samples of student work. Student participation in assessment surveys, interviews, and/or focus groups is voluntary. All work submitted by a student in fulfillment of course and/or program requirements is considered available for assessment research purposes, unless the student specifically requests otherwise. Written notice of this request must be submitted to the course instructor along with the work. Students will never be individually identifiable in any assessment report.

**Syllabi**
Every Instructor will provide syllabi for each course he or she teaches. These may be printed or provided electronically. It is in the student’s best interest to retain the syllabus for each course as it contains information that may be needed in the future as Chestnut Hill College does not release syllabi for courses. Syllabi are not retained for public request. Keep all course syllabi in a safe place for future reference.
Degrees and Programs

ART STUDIO, ART HISTORY, MUSIC, and MUSIC EDUCATION

Kathleen McCloskey, SSJ, MMEd, Assistant Professor of Music, Chair
Suzanne Conway, MA, Associate Professor of Art History
Barbara Glennon, SSJ, DMA, Professor of Music
Therese Benedict McGuire, SSJ, PhD, Professor of Art
Edward Strauman, PhD, Assistant Professor of Music
Kathleen Szpila, SSJ, PhD, Assistant Professor of Art History
Margaret Thompson, SSJ, MFA, MA, Associate Professor of Art

Art Studio and Art History

Art Studio (ARTS) and Art History (ARTH) courses offer students opportunities to minor in Art History or Art Studio within the Liberal Arts curriculum as well as offering courses that fulfill the Artistic Way of Knowing requirement and elective courses of special interest to students. Students who study Art, Art History, and Music deepen their understanding of human nature and of themselves. Through a variety of approaches to creative expression, students develop observation and/or listening skills, as they engage in analysis, criticism, response, and performance experiences. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors.

Students interested in an Art History minor should speak with Suzanne Conway, Room 209, St. Joseph Hall. Telephone: 215/248.7183. Email: conways@chc.edu. Students interested in Art Studio minor should speak with Margaret Thompson, SSJ, Room 500 St. Joseph Hall. Telephone: 215/248-7042. Email: mthompson@chc.edu

Minor in Art Studio — 18 credits

The Art Studio Program allows students to study art making in two- and three-dimensional media and design in a studio setting. Art Studio courses include drawing, painting, watercolor, silkscreen, jewelry and metal crafts, design, and mixed media. The Theater Arts class introduces students to the study of theater and set design and the opportunity to participate in college productions through the design and production of sets and work on stage crew. Students who make art in the Art Studio exhibit their work in the Dwight V. Dowley Art Gallery and the main corridor of the College. Class trips to museums and galleries are part of the Art Studio curriculum. Requirements:

- ARTS-121: Drawing Techniques (WOK: Artistic)
- ARTS-131: Painting (WOK: Artistic)
- ARTS-220: Art by Heart: Design and Culture from the Global Village
- ARTS-272: Color My World: Color and Design from the Global Village
- One course (3 credits) in Art Studio focusing on 3-D chosen from the following, which may not be offered every semester:
  - ARTS-102: Ceramics
  - ARTS-161: Introduction to Metal Sculpture and Jewelry
  - ARTS-140: The Art of Theater Design
- One course (3 credits) in Art Studio chosen from the following, which may not be offered every semester:
  - ARTS-134: Introduction to Water Color Painting
  - ARTS-141: Silk Screening
ARTS-202: Intermediate Ceramics
ARTS-221: Intermediate Drawing
ARTS-231: Intermediate Painting
ARTS-235: Special Projects in Art Studio (WOK: Artistic)
ARTS-261: Intermediate Metal Sculpture and Jewelry
ARTS-335: Advanced Projects in Art Studio
ARTS-371: Advanced Design and Mixed Media
ARTS-401: Internship in Arts Studio

These courses are also available once the Pre-Requisites have been met, but the credits may not be applicable towards degree requirements/graduation. Check with an academic advisor for information before registering for these courses:
- ARTS-234: Intermediate Water Color Painting
- ARTS-241: Intermediate Silk Screening
- ARTS-321: Advanced Drawing
- ARTS-331: Advanced Painting
- ARTS-334: Advanced Watercolor
- ARTS-341: Advanced Silk Screening
- ARTS-361: Advanced Metal Crafts and Jewelry

Minor in Art History — 18 credits
Art History is rooted in a chronological study of the development of art and is designed to deepen the student’s understanding of human expression and self-expression through the study of master works, styles, forms, vocabulary, and other aspects that contribute to a basic knowledge of art history. Requirements:

- Two of the following:
  - ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
  - ARTH-102: Western Art-Early Renaissance to Modern (WOK: Artistic)
  - ARTH-103: Introduction to Non-Western Art

- Four additional courses (12 credits) in Art History. Choices include the following, which may not be offered every semester:
  - ARTH-185: 17th Century Art
  - ARTH-186: Rococo to Revolution
  - ARTH-190: American Art
  - ARTH-191: Romanticism to Post-Impressionism
  - ARTH-192: Twentieth Century and Contemporary Art
  - ARTH-193: American Architecture
  - ARTH-201: Historical Survey of Women Artists
  - ARTH-210: Northern European Renaissance
  - ARTH-212: Looking at Landscape Design
  - ARTH-230: Paris: An Urban History
  - ARTH-261: Early Italian Renaissance Art
  - ARTH-280: The Art of Black Africa
  - ARTH-281: Special Topics in Art History/Topics vary by semester (Repeatable for credit)
  - ARTH-401: Internship in Art History
  - ARTH-481: Advanced Special Topics in Art History /Topics vary by semester (Repeatable for credit)
**Music and Music Education**

Chestnut Hill College offers a Bachelor of Music (BM) in Music and a Bachelor of Science (BS) in Music Education leading to Pennsylvania Department of Education certification (Baccalaureate and post-Baccalaureate students). Students may also minor in Music and/or take lessons in a variety of instruments for either academic credit or personal enjoyment. In addition, music courses for the core curriculum give students the opportunity to study a wide variety of styles and eras of music.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses **Required in the Major** comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both **Required in the Major** and **Also Required** in order to successfully complete the requirements for either of the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Majors in Music and Music Education pursue careers as performers, teachers at the elementary, middle and secondary level, music librarians, administrators, music critics, liturgical music ministers, and sales associates/managers in the music industry. Major study is available in piano, voice, violin, organ, harp, guitar, tenor horn, clarinet, flute, trumpet, saxophone, percussion, and string bass, as well as an individualized program designed in consultation with the Music Department. Music Education majors are encouraged to take courses during the summer sessions to complete core requirements for the Music Education program. Interested students should contact Kathleen McCloskey, SSJ, Room M27, St. Joseph Hall. Telephone: 215/248.719. Email: kmcclosk@chc.edu.

**Honors**

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

**Music Lessons**

The department offers music instruction to students on various levels: to the major; to the advanced student who desires elective credit; and to the beginner or intermediate student who is learning elementary skills. Students majoring in music are required to demonstrate proficiency in piano before graduation. All Music and Music Education majors are assigned to an instructor for weekly lessons in piano and another instrument if piano is not their major instrument. One private lesson weekly in any instrument of their choice is required to participate in recitals for this instrument. Please note that there is an additional fee of $415 per semester for non-music majors taking MUSL-Music Lesson courses.

Major study is available in the following instruments. Placement in lessons will be at the discretion of the department.

- Clarinet
- Saxophone
- Flute
- String Bass
<table>
<thead>
<tr>
<th>Guitar</th>
<th>Tenor Horn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harp</td>
<td>Trumpet</td>
</tr>
<tr>
<td>Organ</td>
<td>Violin</td>
</tr>
<tr>
<td>Percussion</td>
<td>Voice</td>
</tr>
<tr>
<td>Saxophone</td>
<td>Other Orchestral instruments with approval</td>
</tr>
</tbody>
</table>

**Music Performances**

Participation in a performance ensemble is also required for Music and Music Education majors. Students enroll in *MUSP-355: Chamber Ensemble* every semester they are part of a Music program; additional performance opportunities are available. Music Performance courses are also open to students in any major and members of the Chestnut Hill College community with an interest in participating.

- *MUSP-351: Gospel Choir Performance*
- *MUSP-353: Chorus Performance*
- *MUSP-355: Chamber Ensemble Performance*
- *MUSP-357: The Hill Singers Performance*
- *MUSP-359: Jazz Ensemble Performance*
- *MUSP-381: Jazz Improvisation Workshop*
- *MUSP-341: A Cappella Choir Performance*
- *MUSP-367: Flute Ensemble Performance*
- *MUSP-369: Brass Ensemble Performance*
- *MUSP-391: Saxophone Ensemble Performance*
- *MUSP-393: String Ensemble Performance*

**Course Options**

In addition to private lessons, there are many other Music courses available to undergraduate students looking to fulfill an Artistic *Way of Knowing* or expand on interests without pursuing a minor. The following courses are open to students in any major however; they may not be offered every semester and may have a Pre-Requisite. Check the *Course Descriptions* for information on the following courses:

- *MUSC-101: Music in Western Culture I (WOK: Artistic)*
- *MUSC-102: Music in Western Culture II (WOK: Artistic)*
- *MUSC-103: Introduction to Music Theory*
- *MUSC-107: Native Peoples of North America (WOK: Artistic)*
- *MUSC-124: Music in 20th Century America I (WOK: Artistic)*
- *MUSC-125: Music in 20th Century America II (WOK: Artistic)*
- *MUSC-129: History of Jazz (WOK: Artistic)*
- *MUSC-140: Film Music: A Critical Survey (WOK: Artistic)*
- *MUSC-142: Broadway Bound (WOK: Artistic)*
- *MUSC-144: Creating, Recording, and Marketing a Song*
- *MUSC-180: Jazz Improvisation I*
- *MUSC-190: Music and Technology*
- *MUSC-203: Sounds of the World (WOK: Artistic)*
- *MUSC-252: The Business of Music*
- *MUSC-281: Special Topics in Music/Topics vary by semester (Repeatable for credit)*
- *MUSC-481: Advanced Special Topics in Music/Topics vary by semester (Repeatable for credit)*
## Music (Performance)

**Major in Music (Performance) – 54 credits**

Courses are 3 credits unless indicated. **Required in the Major:**

- MUSC-105: Aural Skills I
- MUSC-106: Aural Skills II
- MUSC-201: Theory I
- MUSC-202: Theory II
- MUSC-190: Music and Technology I (2 credits)
- MUSC-212: Keyboard Harmony (2 credits)
- MUSC-218: Basic Conducting (2 credits)
- MUSC-221: Western Music/Medieval-Baroque *(WOK: Artistic)*
- MUSC-222: Western Music/Classical-21st Century
- MUSC-301: Theory III
- MUSC-302: Theory IV
- MUSC-307: Counterpoint
- MUSC-309: Orchestration
- MUSC-498: Senior Seminar
- PHYS-107: Science and Music
- Private instrument lesson(s) every semester (.5 credits each)
- At least one performance ensemble every semester (MUSP-355: Chamber Ensemble required)
- Pass Jury at the end of each semester
- Attend a minimum of three concerts per semester or six per academic year

### Sample Bachelor of Music: Music Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 14/15</th>
<th>Year Two Fall - 14/16</th>
<th>Year Three Fall - 17</th>
<th>Year Four Fall - 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC-103</td>
<td>MUSC-201</td>
<td>MUSC-302</td>
<td>MUSC-190 (2 cr)</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>MUSC-221</td>
<td>MUSC-301</td>
<td>MUSC-307</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>MUSC-309</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Minor #2 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
<td>WOK or elective (WI)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
</tr>
<tr>
<td>MUSP-355 (1 cr)</td>
<td>MUSP-355 (1 cr)</td>
<td>MUSP-355 (1 cr)</td>
<td>MUSP-355 (1 cr)</td>
</tr>
<tr>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PHED #1* Swim Test*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring - 14</th>
<th>Year Two Spring - 17</th>
<th>Year Three Spring - 14</th>
<th>Year Four Spring - 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC-106</td>
<td>MUSC-202</td>
<td>MUSC-218 (2 cr)</td>
<td>MUSC-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>MUSC-222</td>
<td>MUSC-212 (2 cr)</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>Ethics</td>
<td>PHYS-107</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
<td>Elective (1 cr)</td>
<td>Instrument (.5 cr)</td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td>Instrument (.5 cr)</td>
<td>Public Speaking (1 cr)</td>
<td>Instrument (.5 cr)</td>
</tr>
<tr>
<td>MUSP-355 (1 cr)</td>
<td>MUSP-355 (1 cr)</td>
<td>Instrument (.5 cr)</td>
<td>MUSP-355 (1 cr)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these credits do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**
Minor in Music – 21 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. An individualized minor may be developed in consultation with the Music Department. Standard Minor in Music requirements:
- Choice of:
  - MUSC-103: Introduction to Music Theory
    AND
  - MUSC-201: Theory I
    OR
  - MUSC-201: Theory I
    AND
  - MUSC-202: Theory II
- MUSC-105: Aural Skills I
- MUSC-106: Aural Skills II
- One course (3 credits) in Music with an Artistic Ways of Knowing
- MUSP-355: Chamber Ensemble
- Choice of:
  - Five MUSP-Music Performance courses (5 credits total)
    OR
  - Five MUSL- Music Lessons for Non-Majors courses (5 credits total) (additional fee of $400 per semester applies to all MUSL courses.)
- Attend three concerts total

Music Education
Music Education Majors must complete required Education courses, which will be announced Spring 2011, as well as the following. Courses are 3 credits unless indicated; courses in italics are pending approval.
Major in Music Education - Credits required will be announced Spring 2011.
Required in the Major:
- MUSC-105: Aural Skills I
- MUSC-106: Aural Skills II
- MUSC-201: Theory I
- MUSC-202: Theory II
- MUSC-190: Music and Technology I (2 credits)
- MUSC-212: Keyboard Harmony (2 credits)
- MUSC-218: Basic Conducting (2 credits)
- MUSC-221: Western Music/Medieval-Baroque
- MUSC-222: Western Music/Classical-21st Century
- MUSC-301: Theory III
- MUSC-302: Theory IV
- MUSC-307: Counterpoint
- MUSC-309: Orchestration
- MUSC-498: Senior Seminar
- MUED-159: Choral Methods (1 credit)
- MUED-161: String Methods I (.5 credit)
- MUED-162: String Methods II (.5 credit)
- MUED-163: Guitar Methods (1 credit)
- MUED-165: Woodwind Methods I (.5 credit)
- MUED-166: Woodwind Methods II (.5 credit)
- MUED-167: Brass Methods I (.5 credit)
- MUED-168: Brass Methods II (.5 credit)
- MUED-170: Percussion Methods (1 credit)
- MUED-290: Music and Technology II (2 credits)
- MUED-320: Music for Diverse Learners (4 credits)
- MUED-350: Music Ed/Elementary School
- MUED-351: Music Ed/Middle and High School
- MUED-352: Student Teaching (6 credits)
- MUED-353: Student Teaching Seminar
- SPP8-340: Introduction to Special Education
- PSYC-202: Educational Psychology
- PHYS-107: Science and Music
- Private instrument lesson(s) every semester (.5 cr)
- Performance ensemble(s) every semester (MUSP-355: Chamber Ensemble required)
- Pass Jury at the end of each semester
- Attend three concerts minimum per semester

Sample Bachelor of Science: Music Education Major:
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 14/15</th>
<th>Year Two Fall</th>
<th>Year Three Fall</th>
<th>Year Four Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC-105</td>
<td></td>
<td>Will be announced</td>
<td></td>
</tr>
<tr>
<td>ENGL-101</td>
<td></td>
<td>Spring 2011.</td>
<td></td>
</tr>
<tr>
<td>RLST-104</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSP-355 (1 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language 103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 16/17</th>
<th>Year Two Spring</th>
<th>Year Three Spring</th>
<th>Year Four Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC-106</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC-190 (2 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSC-202</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ILAR-101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WOK or elective</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSP-355 (1 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument (.5 cr)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHED #1*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these credits do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: will be announced Spring 2011.
Minor in Jazz Performance – 19 credits
This is a new minor offered Fall 2010 and it is open to any undergraduate student with demonstrated ability. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Students may enroll in the minor only after consulting with Edward Strauman, Room M-24 St. Joseph Hall, Music Corridor, Telephone: 215/753-3634; Email: straumane@chc.edu.

Requirements:

- MUSC-129: History of Jazz (WOK: Artistic)
- MUSC-180: Jazz Improvisation I
- MUSC-181: Jazz Improvisation II
- MUSC-310: Jazz Arranging
- MUSP-359: Jazz Ensemble Performance (.5 credit, one semester)
- MUSP-381: Jazz Improvisation Workshop (.5 credit, one semester)
- Two courses (6 credits) chosen in consultation with Dr. Strauman. Choices include, but are not limited to, the following, which may not be offered every semester:
  - MUSC-144: Creating, Recording, and Marketing a Song
  - MUSC-252: The Business of Music
BUSINESS

GARRY FLOWER, MBA, CPA, ASSISTANT PROFESSOR OF BUSINESS, ACTING CHAIR
ROBERT J. DURNEY, MBA, ME, PMP, ASSOCIATE PROFESSOR OF BUSINESS
FRANCIS M. PUFIKO, MBA, ASSISTANT PROFESSOR OF BUSINESS

Chestnut Hill College offers a Bachelor of Science (BS) in Accounting; a Bachelor of Science (BS) in Management (as of July 1st, 2010); a Bachelor of Science (BS) in Marketing; and an interdisciplinary Bachelor of Science (BS) in International Business, Language, and Culture. Minors are available in Management (as of July 1st, 2010); and in International Business. Interested students should contact Garry Flower, Room 312 Martino Hall. Telephone: 215/248-7180. Email: flowerg@chc.edu.

Advanced Placement
The department accepts Advanced Placement scores of 3, 4, or 5. Students who receive a score of 3, 4, or 5 in Microeconomics will receive 3 credits for ECON-102: Principles of Microeconomics. Students who receive a score of 3, 4, or 5 in Macroeconomics will receive 3 credits for ECON-101: Principles of Macroeconomics.

Honors and Honor Societies
Sigma Beta Delta, the International Honor Society for Business, Management, and Administration that encourages and recognizes scholarship and accomplishment among students of business, management and administration, established its Chapter at Chestnut Hill College in 2006. Eligibility for election to membership is limited to those students that rank in the upper 20 percent of their class and have achieved a Career GPA of 3.50 at the time of invitation to membership following completion of at least one-half of the degree program in which they are enrolled. Transfer students who meet the qualifications for membership may be inducted after they have completed a minimum of one term of academic work in the department of business or college.

Phi Beta Lambda is part of the oldest and largest national student business organization in the United States where a quarter of a million students develop their skills for successfully competing in the business world and in the global economy. It is student-run organization in which career development, ethical leadership, and collaborative teamwork skills are the main focus.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Course Options
There are many Business courses available to undergraduate students looking to fulfill a Way of Knowing or expand on interests without pursuing a minor. The following courses are open to students in any major however; they may not be offered every semester and may have a Pre-Requisite. Check the Course Descriptions for information on the following courses:

- ACCT-103: Financial Accounting (WOK: Behavioral)
- BADM-101: International Business
- BADM-102: Business Ethics *(WOK: Behavioral)*
- BADM-104: Introduction to Business *(WOK: Behavioral)*
- BADM-120: Law and the Business Enterprise
- MKTG-203: Marketing Principles *(WOK: Behavioral)*

**Accounting**

Chestnut Hill College offers a Bachelor of Science (BS) in Accounting. The Accounting major provides students with both the theoretical background and application of the concepts, technology and procedures of accounting. Students also study the basic areas of economics, finance, marketing, and management. The study of accounting prepares the student for graduate or professional school, or for careers in public, private or non-profit accounting. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses **Required in the Major** comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both **Required in the Major** and **Also Required** in order to successfully complete the requirements for the Major. All students majoring in Accounting are required to complete all computer proficiencies by the end of the Sophomore year.

Students planning to sit for the Uniform Certified Public Accounting (CPA) examination are advised to contact the State Board of Accountancy in the state in which they plan to qualify for specific educational and experience requirements mandated by that state.

**Major in Accounting** – 67 credits
Courses are 3 credits unless indicated.

**Required in the Major:**
- ACCT-103: Financial Accounting *(WOK: Behavioral)*
- ACCT-104: Managerial Accounting
- ACCT-213: Intermediate Accounting Theory I
- ACCT-214: Intermediate Accounting Theory II
- ACCT-216: Taxes
- ACCT-223: Cost Accounting
- ACCT-333: Auditing
- ACCT-363: Advanced Accounting Theory I
- ACCT-364: Advanced Accounting Theory II
- BADM-120: Law and the Business Enterprise
- BADM-498: Senior Seminar
- FINA-304: Corporate Finance
- MGMT-204: Organization and Management of Human Resources
- MGMT-300: Operations Management
- MKTG-203: Marketing Principles

**Also required:**
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- ECON-101: Macroeconomic Principles
- ECON-102: Microeconomic Principles
- ECON-201: Principles of Finance: Money and Banking
- MATH-201: Mathematics for Management and the Social Sciences I (WOK: Problem Solving)
- MATH-227: Business Statistics

Sample Bachelor of Science: Accounting Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/17</th>
<th>Year Three Fall – 13</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>ACCT-213</td>
<td>ACCT-216</td>
<td>Minor #2 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>ECON-101</td>
<td>ACCT-363</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>ACCT-103</td>
<td>MATH-227</td>
<td>ECON-201</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>MATH-201</td>
<td>GLST-201</td>
<td>MGMT-300</td>
<td>MKTG-203</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective (4 cr)</td>
<td>Public Speaking (1 cr)</td>
<td>CMTC-285</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 16</th>
<th>Year Three Spring – 15/16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-202</td>
<td>ACCT-214</td>
<td>ACCT-223</td>
<td>ACCT-333</td>
</tr>
<tr>
<td>ACCT-104</td>
<td>ECON-102</td>
<td>ACCT-364</td>
<td>BADM-498</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>MGMT-204</td>
<td>FINA-304</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>BADM-120</td>
<td>Minor #1 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>CMTC-180 (1 cr)</td>
<td>WOK or elective (WI)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>Ethics</td>
<td>PHED #2*</td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these credits do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Management
As of July 1, 2010 Chestnut Hill College offers a Bachelor of Science (BS) in Management as well as a minor in Management. The Management curriculum is designed to provide the student with knowledge in the basic areas of accounting, economics, finance, marketing, project management, operations management and entrepreneurship. This major offers the flexibility to participate in an individualized concentration.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Students are required to complete the computer proficiencies by the end of the Sophomore year.

Major in Management – 67 credits
Courses are 3 credits unless indicated.
Required in the Major:
- MGMT-105: Principles of Management
- MGMT-204: Organization and Management of Human Resources
- MGMT-205: Project Management
- MGMT-300: Operations Management
- Choice of:
  - MGMT-302: Entrepreneurship
OR
  - MGMT-303: Strategic Management

- Two additional courses (6 credits) in Management. Choices include the following, which may not be offered every semester:
  - MGMT-206: Purchasing and Supply Chain Management
  - MGMT-281: Special Topics in Management/Topics vary by semester (Repeatable for credit)
  - MGMT-302: Entrepreneurship
  - MGMT-303: Strategic Management
  - MGMT-401: Internship in Management
  - MGMT-481: Advanced Special Topics in Management/Topics vary by semester (Repeatable for credit)

- ACCT-103: Financial Accounting
- ACCT-104: Managerial Accounting
- BADM-104: Introduction to Business (WOK: Behavioral)
- BADM-120: Law and the Business Enterprise
- BADM-498: Senior Seminar
- FINA-304: Corporate Finance
- MKTG-203: Marketing Principles

Also required:
- ECON-101: Macroeconomic Principles
- ECON-102: Microeconomic Principles
- ECON-201: Principles of Finance: Money and Banking
- ECON-301: Intermediate Microeconomic Theory
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- MATH-201: Mathematics for Management and the Social Sciences I (WOK: Problem Solving)
- MATH-227: Business Statistics

Sample Bachelor of Science: Management Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall — 15/16</th>
<th>Year Two Fall — 16/17</th>
<th>Year Three Fall — 16</th>
<th>Year Four Fall — 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>ECON-101</td>
<td>ECON-201</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>BADM-104</td>
<td>GLST-201</td>
<td>MGMT-300</td>
<td>BADM-498</td>
</tr>
<tr>
<td>ACCT-103</td>
<td>MATH-227</td>
<td>MGMT-302 or 303</td>
<td>Minor #2 or elective</td>
</tr>
<tr>
<td>MATH-201</td>
<td>WOK or elective (4 cr)</td>
<td>MKTG-203</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>RLST-2XX</td>
<td>Ethics</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring — 15/16</td>
<td>Year Two Spring -16</td>
<td>Year Three Spring — 12/13</td>
<td>Year Four Spring — 15</td>
</tr>
<tr>
<td>ACCT-104</td>
<td>ECON-102</td>
<td>CMTC-285</td>
<td>MGMT- Elective</td>
</tr>
<tr>
<td>MATH-202</td>
<td>MGMT-204</td>
<td>ECON-301</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>MGMT-105</td>
<td>MGMT-205</td>
<td>FINA-304</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>BADM-120</td>
<td>WOK or elective (WI)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>CMTC-180 (1 cr)</td>
<td>PHED #2*</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>MGMT- Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120
**Minor in Management** – 18 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. **Requirements:**
- ACCT-103: Financial Accounting *(WOK: Behavioral)*
- BADM-104: Introduction to Business *(WOK: Behavioral)*
- ECON-101: Principles of Macroeconomics
- Two to three courses (6 – 9 credits/depending if the optional course is completed) from the following, which may not be offered every semester:
  - ACCT-104: Managerial Accounting
  - ECON-102: Principles of Microeconomics *(WOK: Problem Solving)*
  - ECON-201: Principles of Finance: Money and Banking *(WOK: Problem Solving)*
  - MGMT-204: Organization and Management of Human Resources
  - MKTG-203: Principles of Marketing
  - MGMT-205: Project Management
- One optional course (3 credits) may be taken. Choices include the following, which may not be offered every semester:
  - BADM-102: Business Ethics
  - BADM-120: Law and the Business Enterprise
  - BADM-252: The Business of Music
  - COMM-210: Interpersonal Communication
  - MGMT-105: Principles of Management
  - PSYC-111: Industrial/Organizational Psychology

**Marketing**
Chestnut Hill College offers a Bachelor of Science (BS) in Marketing. The Marketing major is designed to provide the student with an in-depth exposure to the various facets of marketing including the role of the marketing function in the organization, consumer buying decision processes within the context of marketing strategies, market research analysis and planning. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses **Required in the Major** comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both **Required in the Major** and **Also Required** in order to successfully complete the requirements for the Major. Students are required to complete all computer proficiencies by the end of the Sophomore year.

**Major in Marketing** – 67 credits
Courses are 3 credits unless indicated.

**Required in the Major:**
- MKTG-203: Marketing Principles *(WOK: Behavioral)*
- MKTG-205: Consumer Behavior
- Choice of:
  - MKTG-302: Entrepreneurship
  - OR
  - MKTG-303: Strategic Management
- MKTG-310: Marketing Research
- MKTG-365: Marketing Management
Three courses (9 credits) in Marketing chosen from the following, which may not be offered every semester:

- MKTG-206: International Marketing
- MKTG-253: Retailing
- MKTG-254: Advertising
- MKTG-255: Public Relations
- MKTG-256: Personal Selling and Sales Force Management
- MKTG-302: Entrepreneurship
- MKTG-303: Strategic Management
- MKTG-401: Internship in Marketing

ACCT-103: Financial Accounting
ACCT-104: Managerial Accounting
BADM-104: Introduction to Business
BADM-120: Law and the Business Enterprise
BADM-498: Senior Seminar in Business
FINA-304: Corporate Finance
MGMT-204: Organization and Management of Human Resources

Also required:
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- ECON-101: Principles of Macroeconomics
- ECON-102: Principles of Microeconomics
- ECON-201: Principles of Finance: Money and Banking
- MATH-201: Mathematics for Management and the Social Sciences I (WOK: Problem Solving)
- MATH-227: Business Statistics

Sample Bachelor of Science: Marketing Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>ECON-201</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>BADM-104</td>
<td>MATH-227</td>
<td>CMTC-285</td>
<td>RLST-2XX</td>
</tr>
<tr>
<td>ACCT-103</td>
<td>ECON-101</td>
<td>MKTG-302 or 303</td>
<td>BADM-498</td>
</tr>
<tr>
<td>MATH-201</td>
<td>WOK or elective</td>
<td>MKTG-310</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>Ethics</td>
<td>BADM-120</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FYIN-101*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FYIN-101*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring -17</th>
<th>Year Three Spring – 13</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT-104</td>
<td>ECON-102</td>
<td>MKTG-365</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>MATH-202</td>
<td>MGMT-204</td>
<td>FINA-304</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>MKTG-203</td>
<td>CMTC-180 (1 cr)</td>
<td>WOK or elective (W)</td>
<td>MKTG-elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>MKTG-205</td>
<td>Public Speaking (1 cr)</td>
<td>MKTG-elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>WOK or elective (4 cr)</td>
<td></td>
<td>MKTG-elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>Minor #1 or elective</td>
<td>WOK or elective (WI)</td>
<td>MKTG-elective</td>
</tr>
<tr>
<td>Swim Test *</td>
<td></td>
<td>Public Speaking (1 cr)</td>
<td>MKTG-elective</td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120
International Business, Language and Culture

Chestnut Hill College offers an interdisciplinary Bachelor of Science (BS) in International Business, Language, and Culture. The International Business, Language, and Culture Major (IBLC) is an interdisciplinary, globally oriented program that includes a strong language component. It will provide solid preparation for a career in international business, in profit and not-for-profit organizations, competence in French or Spanish language and culture, and a foundation for graduate study. Supporting courses in other departments complement the major requirements and students should discuss any plans for a second major or minor with an advisor as soon as possible.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

For assistance with this major, please contact Sr. Mary Helen Kashuba, Room 25B Fournier Hall. Telephone: 215/248-7124. Email: kashubam@chc.edu. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students are required to complete all computer proficiencies by the end of the Sophomore year.

Students majoring in IBLC must satisfy an International Internship Experience requirement. A second international experience is also recommended by working abroad or in an international division or department of a U.S. organization. The International Internship Experience may be met by one of the following ways:

- **International Internship Experience**: Completing an approved internship by working in an organization located outside of the U.S. The experience must receive prior approval of the Chair of the Business Department and the Chair of the Language Department and must consist of meaningful work activities that will contribute to a student’s understanding of and provide practical experience in international business and provide an opportunity to expand the student’s cultural knowledge and use of the foreign language studied. If the organization is in the U.S. the student’s work must deal directly with the organization’s international operations and require some use of the foreign language the student has studied.

If the internship occurs during the summer, it must be full-time for at least 6 weeks. If the internship takes place during the regular academic year and is a part-time position, it must last at least one full semester or approximately 12 weeks. Prior to starting, the student should provide internship details (organization, country, job description, duration of internship, name of supervisor, etc.) to the Chairs of the Business and Foreign Language Departments to ensure that it will meet the IBLC program requirements.
Upon completion of the International Internship Experience, it will be the student’s responsibility to complete and provide all the necessary Experiential Education documentation to the Career Services Department for review prior to the granting of credit.

- **Study Abroad**: Enroll in a study-abroad program at an approved international college or university for credit. The student may choose to enroll in a minimum of one course; however, the course must have an international focus that will increase the student’s understanding of international business, language or culture. A full semester program is highly recommended, although a summer program is acceptable.

- **Work Study Tour**: An international Work Study Tour of three to five firms for a sufficient amount of time at each firm to conduct interviews, surveys of management practices. Also the completion of a report written in the language student has majored in. The student must receive approval from the Chair of the Business Department and the Chair of the Department of Foreign Language prior to the start of the Tour.

**Major in International Business, Language and Culture** – 76 credits

Courses are 3 credits unless indicated.

**Required in the Major / FRENCH:**

- IBLC-498: Senior Seminar in IBLC
- ACCT-103: Financial Accounting
- ACCT-104: Managerial Accounting *(WOK: Behavioral)*
- BADM-101: International Business
- FINA-304: Corporate Finance
- FINA-352: International Financial Management
- MKTG-203: Marketing Principles
- MKTG-206: International Marketing
- MGMT-304: Culture in International Business Decision-Making
- FREN-221: Grammaire et composition avancée
- FREN-231: Introduction à la Culture Française I
- FREN-232: Introduction à la Culture Française II
- FREN-228: Le Français Commercial

One course (3 credits) in French Literature chosen from the following, which may not be offered every semester:

- FREN-341: Le Dix-septième Siècle
- FREN-342: Le Siècle des Lumières
- FREN-353: Romantisme et Réalisme
- FREN-354: Le Vingtième Siècle
- FREN-355: Le classicisme éternel
- FREN-361: La Littérature Francophone
- FREN-281: Topics in French / Topics vary by semester *(Repeatable for credit)*
- FREN-481: Advanced Special Topics in French / Topics vary by semester *(Repeatable for credit)*

One course (3 credits) in French from the above list or from the following, which may not be offered every semester:

- FREN-233: Expériences dans la Civilisation Française
FREN-234: Contemporary Culture of the French Regions

Also required:
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- ECON-101: Microeconomic Principles (WOK: Behavioral)
- ECON-102: Macroeconomic Principles (WOK: Problem Solving)
- ECON-201: Principles of Money and Banking
- ECON-211: Introduction to Global Economics
- FREN-222: French for Oral Proficiency (Native speakers will substitute a course recommended by the advisor)
- MATH-201: Mathematics for Management and the Social Sciences I (WOK: Problem Solving)
- MATH-202: Mathematics for Management and the Social Sciences II
- MATH-227: Business Statistics
- PSCI-341: International Political Economy

Required in the Major/SPANISH:
- IBLC-498: Senior Seminar in IBLC
- ACCT-103: Financial Accounting
- ACCT-104: Managerial Accounting (WOK: Behavioral)
- BADM-101: International Business
- FINA-304: Corporate Finance
- FINA-352: International Financial Management
- MKTG-206: International Marketing
- MKTG-203: Marketing Principles
- MGMT-304: Culture in International Business Decision-Making
- SPAN-221: Advanced Grammar and Composition
- SPAN-228: Commercial Spanish
- SPAN-231: Introduction to Hispanic Culture/Spain
- SPAN-232: Introduction to Hispanic Culture/Latin America
- One course (3 credits) in Spanish Literature chosen from the following, which may not be offered every semester:
  - SPAN-261: Masterpieces of Hispanic Literature I
  - SPAN-262: Masterpieces of Hispanic Literature II (Writing Intensive)
  - SPAN-263: Masterpieces of Hispanic Literature III
  - SPAN-340: Colonial Latin American Literature
  - SPAN-341: The Spanish Golden Age
  - SPAN-353: Nineteenth Century Spanish Literature
  - SPAN-354: Contemporary Spanish Literature
  - SPAN-355: Contemporary Latin American Literature
  - SPAN-361: Literary Works and the Movies They Inspired
  - SPAN-362: Hispanic Women Writers
  - SPAN-365: Literature of the Caribbean
  - SPAN-370: Literature in Translation
  - SPAN-481: Advanced Special Topics in Spanish/Topics vary by semester (Repeatable for credit)
- One course (3 credits) in Spanish from the above list or from the following, which may not be offered every semester:
- SPAN-107: Spanish for Educators I
- SPAN-108: Spanish for Educators II
- SPAN-220: Spanish for Heritage Speakers
- SPAN-281: Special Topics in Spanish/Topics vary by semester (Repeatable for credit)

Also required:
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- ECON-101: Microeconomic Principles (WOK: Behavioral)
- ECON-102: Macroeconomic Principles (WOK: Problem Solving)
- ECON-201: Principles of Money and Banking
- ECON-211: Introduction to Global Economics
- MATH-201: Mathematics for Management and the Social Sciences I (WOK: Problem Solving)
- MATH-202: Mathematics for Management and the Social Sciences II
- MATH-227: Business Statistics
- PSCI-341: International Political Economy
- SPAN-222: Advanced Conversation (Native speakers will substitute a course recommended by the advisor)

One semester abroad is highly recommended. Students work with their academic advisor to determine which semester is the most appropriate for that experience. Enrollment in Summer Session courses may be necessary to complete the program in four years.

Sample Bachelor of Science: IBLC Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16/17</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>ECON-201</td>
<td>RLST-2XX</td>
</tr>
<tr>
<td>ACCT-103</td>
<td>MATH-227</td>
<td>MKTG-203</td>
<td>Minor #2 or elective (W)</td>
</tr>
<tr>
<td>BADM-101</td>
<td>ECON-102</td>
<td>MGMT-304</td>
<td>Language-Literature</td>
</tr>
<tr>
<td>MATH-201</td>
<td>GLST-104</td>
<td>Language-231 or Literature Ethics</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>Language-103 or above</td>
<td>Language-221 or 231</td>
<td></td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PHED #2*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 14</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILAR-101</td>
<td>ECON-211</td>
<td>FINA-304</td>
<td>IBLC-498</td>
</tr>
<tr>
<td>ACCT-104</td>
<td>CMTC-180 (1 cr)</td>
<td>FINA-352</td>
<td>PSCI-341</td>
</tr>
<tr>
<td>MATH-202</td>
<td>Language-222, 232 or elective</td>
<td>CMTC-285</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ECON-101</td>
<td>Minor #1 or elective</td>
<td>MKTG-206</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>Language-104 or above</td>
<td>WOK or elective (4 cr)</td>
<td>Language-232 or 228</td>
<td>Language-elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Minor in International Business – 18 credits
The International Business minor is designed to provide students with an understanding of the theory, structure and process of international economics, international business practices and cultures. Students will gain a working knowledge of the analytical aspects of the international economic system, global economic theory, an understanding of international politics and economic effects of international economic
Cultural differences that underlie today’s global structure of production and overall business environment will also be explored. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Requirements:

- ACCT-103: Financial Accounting  (*WOK: Behavioral*)
- ECON-101: Principles of Macroeconomics  (*WOK: Behavioral*)
- ECON-211: Introduction to Global Economics
- MGMT-304: Culture in International Business Decision-Making
- PSCI-341: International Political Economy
- Plus one language course (3 credits) at the 200-Level or above.
Chestnut Hill College offers a Bachelor of Science (BS) in Computer and Information Sciences, and a Bachelor of Science (BS) in Computer and Information Technology with a choice of one of four concentrations: Digital Forensics; Management Information Systems; Programming; or Web/Multimedia Development. The courses required for the Digital Forensics in the Computer and Information Technology major prepare students for the ACE certification in Digital Forensics. A Five-Year Master’s degree in Instructional Technology is offered in conjunction with the graduate Instructional Technology program. Interested students should contact Lisa Olivieri, SSJ, Room 201 St. Joseph Hall. Telephone: 215/248.7092. Email: lolivieri@chc.edu. Or Saul Senders, Room 212 St. Joseph Hall. Telephone: 215/753-3633. Email: ssender@chc.edu.

The Department offers five minors that draw from both the Computer Science and Computer Technology curriculums: Computer Science; Information Management; Programming; Management Information Systems; and Web/Multimedia Design. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses \textit{Required in the Major} comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both \textit{Required in the Major} and \textit{Also Required in} in order to successfully complete the requirements for any of the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for a Minor.

\textbf{Departmental Mission}

The Computer Science and Information Technology Department provides students with a variety of ways to complete a degree in a computer-related field. While coursework within the department ranges from theoretical to applied, courses are designed to allow students to grow in knowledge and respect of world of technology, but most importantly to grow in knowledge and respect of themselves and the world through the lens of technology.

All students in the department participate in an internship that enables them to apply their academic knowledge and gain experience in the workplace. Students work closely with the Director of Experiential Learning in Career Services and the department internship advisor to complete the internship process. All students also participate in a capstone course, Senior Seminar, which provides students with opportunity to develop a project that reflects their expertise in their chosen discipline.

\textbf{Advanced Placement}

Students who receive a score of 3, 4, or 5 in Computer Science A will receive 4 credits in Computer Science for \textit{CMSC-210: Programming in Java}. Students who receive a score of 3, 4, or 5 in Computer Science AB will receive 4 credits for \textit{CMSC-251: Data Structures in Java} and will be exempt from taking \textit{CMSC-210: Programming in Java}. 
Certifications
Several courses offered in the department prepare students for the following certifications: A+ certification, Adobe Certified Associate for Web Communication using Dreamweaver, Adobe Certified Associate for Rich Media Communication using Adobe Flash, and Adobe Certified Associate for Visual Communication using PhotoShop.

Honors, Honor Societies, and Clubs
Qualified students may be invited to join Epsilon Pi Tau, the International Honor Society for Technology. Students need to complete at least 16 credits of computer science and/or technology courses and maintain a Career GPA of 3.00 and a GPA of 3.25 in the major. Eligible students are also required to be in the top 35% of their class.

All Chestnut Hill College students are welcome to participate in the Computer Club. The mission of the Computer Club is to help others through technology. The club’s activities consist of service projects, member gatherings, fund raising, and information sessions. The club emphasizes teamwork and support. Students from all majors who are interested in technology are welcome.

Outstanding students in either major may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Proficiency Requirements for All Students
The curriculum at Chestnut Hill College includes a Computer Proficiency requirement that all students must complete for graduation. Students must demonstrate proficiency in three areas:

- Microsoft Excel – Introductory level
- Microsoft PowerPoint – Intermediate level
- Researching and Formatting Academic Papers

If students have sufficient background in any of the areas, they may demonstrate proficiency by taking a test in that area. Students enroll in a 1.0 credit course for each area in which they cannot demonstrate proficiency and must pass each course with a grade of C or better.

Course Options
In addition to courses for majors and minors, the department offers several courses for students of any major interested in fulfilling a Problem Solving Way of Knowing or Writing Intensive requirement, or pursuing an interest without completing a minor. Check the Course Description section for any Pre-Requisites. Courses are three credits unless indicated. Courses open to students of any major meeting the indicated Pre-Requisites include the following, which may not be offered each semester:

- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving)
- CMSC-205: Systems Analysis and Design (WOK: Problem Solving)
- CMSC-210: Programming in Java (WOK: Problem Solving)
- CMSC-280: Computer Science: History, Trends and Ethical Issues *(Writing Intensive)*
- CMTC-190: Introduction to Computer Hardware and Peripherals
- CMTC-200: Introduction to Web Development and Design
- CMTC-201: Designing Websites
- CMTC-205: Computer Graphics Design
- CMTC-210: Computer Graphics with PhotoShop

**Computer and Information Sciences**

The major in Computer and Information Sciences is designed to prepare students for graduate study and/or careers in computer science and related fields. Students take a variety of courses that introduce them to programming concepts, data structures, computer algorithms, computer architecture and networking. Students participate in an internship that enables them to apply their academic knowledge and gain experience in the workplace. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses *Required in the Major* comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both *Required in the Major* and *Also Required* in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Students declaring a major in Computer and Information Sciences should schedule an initial placement interview with a member of the faculty either at the formal orientation or at another convenient time. Based on the student’s prior experience, *CMSC-190: Introduction to Programming Logic* and *CMTC-190: Introduction to Computer Hardware and Peripherals* may not be required; students will be advised to register for the next level of appropriate coursework.

**Major in Computer and Information Sciences** – 60 credits

Courses are 3-credits unless indicated.

*Required in the Major:*

- CMSC-190: Introduction to Programming Logic *
- CMSC-205: Systems Analysis and Design *(WOK: Problem Solving)*
- CMSC-210: Programming in Java (4 credits)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-280: Computer Science: History, Trends and Ethical Issues *(Writing Intensive)*
- CMSC-285: Algorithms in AI and Robotics
- CMSC-300: Application Development and Design
- CMSC-310: Research Methods in Computer and Information Science **
- CMSC-321: Communications and Networks
- CMSC-350: Computer Architecture and Logic Design (4 credits)
- CMSC-401: Internship in Computer Science
- CMSC-405: Programming Languages
- CMSC-498: Senior Seminar in Computer and Information Sciences
- Choice of one course (3 credits) from the following, which may not be offered every semester:
  - CMSC-281: Special Topics in Computer Science /Topics vary by semester *(Repeateable for credit)*
  - CMSC-481: Advanced Special Topics in Computer Science /Topics vary by semester *(Repeateable for credit)*
  - CMDF-200: Introduction to Computer Forensics
Also required:

- CMTC-190: Introduction to Computer Hardware and Peripherals *
- CMTC-230: Information Systems for Organizations
- Choice of:
  - MATH-203: Analytic Geometry and Calculus I (*WOK: Problem Solving*)
- MATH-225: Introduction to Statistics I
- MATH-261: Discrete Methods in Mathematics

Recommended, but not required:

- MATH-204: Analytic Geometry and Calculus II
- PHYS-121: Principles of Physics I (4 credits) (*WOK: Scientific*)
- PHYS-122: Principles of Physics II (4 credits) (*WOK: Scientific*)

* May not be required based on interview. Students who do not need to take this course will choose an elective (3 credits.)
** Student must earn a grade of C or better.

Sample Bachelor of Science: Computer and Information Science Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>CMSC-251 (4 cr)</td>
<td>CMSC-280 (W)</td>
<td>CMSC-300</td>
</tr>
<tr>
<td>CMSC-190 or elective</td>
<td>CMSC-205</td>
<td>CMTC-280</td>
<td>CMSC-310</td>
</tr>
<tr>
<td>CMTC-190 or elective</td>
<td>GLST-201</td>
<td>MATH-225</td>
<td>CMSC-401</td>
</tr>
<tr>
<td>RLST-104</td>
<td>MATH-202 or 203</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>FYIN-100*</td>
<td>Minor #2</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 13/14</th>
<th>Year Two Spring - 17</th>
<th>Year Three Spring – 15/16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC-210 (4 cr)</td>
<td>CMSC-285</td>
<td>CMSC-321</td>
<td>CMSC elective</td>
</tr>
<tr>
<td>CMTC-230</td>
<td>CMSC-350 (4 cr)</td>
<td>CMSC-405</td>
<td>CMSC-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Ethics</td>
<td>Minor #5 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>MATH-261</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td>Public Speaking (1 cr)</td>
<td>PHED #2</td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 121

**Computer and Information Technology**

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information Technology. The major prepares students for the world of technology by introducing them to a variety of current hardware and software technologies. This major presents sufficient background and experience in problem solving to enable students to learn and adapt to new technologies they will meet in the workplace. These programs provide a solid preparation for students interested in pursuing graduate study in areas of instructional technology. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a
grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major.

Students who major in Computer and Information Technology select a concentration in one of four areas:
- Digital Forensics*
- Management Information Systems
- Programming
- Web/Multimedia Development

* The courses required for the Digital Forensics concentration in the Computer and Information Technology major prepare students for the ACE certification in Digital Forensics.

Students declaring a major in Computer and Information Technology should schedule an initial placement interview with a member of the faculty either at the formal orientation or at another convenient time. Based on the student’s prior experience, CMSC-190: Introduction to Programming Logic and CMTC-190: Introduction to Computer Hardware and Peripherals may not be required; students will be advised to register for the next level of appropriate coursework.

**Major in Computer and Information Technology/Digital Forensics Concentration – 54 credits**

Courses are 3 credits unless indicated.

Required in the Major:
- CMTC-190: Introduction to Computer Hardware and Peripherals *
- CMTC-230: Introduction to Data Communications
- CMTC-260: Applied Operating Systems
- CMTC-280: Information Management
- CMTC-300: Introduction to Visual Basic Programming
- CMTC-310: Research Methods in Computer and Information Technology **
- CMTC-401: Internship in Computer and Information Technology
- CMTC-498: Senior Seminar: Computer and Information Technology
- CMDF-200: Introduction to Computer Forensics
- CMDF-210: Legal Issues in Computer Forensics I
- CMDF-260: Legal Issues in Computer Forensics II
- CMDF-280: Advanced Computer Forensics
- CMDF-300: Advanced Digital Forensics
- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving) *
- CMSC-280: Computer Science: History, Trends and Ethical Issues (Writing Intensive )

Also required:
- CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
- Choice of:
  - CRJU-223: Criminal Law
  - OR
  - CRJU-225: Criminal Procedure
- Choice of:
  - MATH-115: Understanding Our Quantitative World (WOK: Problem Solving)
OR
  o MATH-121: Precalculus

Recommended, but not required:
  - CHEM-106: Introduction to Forensic Science (4 credits)
  - CMDF-481: Advanced Special Topics in CMDF/Topics vary by semester (Repeatable for credit)
  - CMSC-210: Programming in Java (4 credits)

*Based on the student’s prior experience, CMSC-190: Introduction to Programming Logic and CMTC-190: Introduction to Computer Hardware and Peripherals may not be required; students will be advised to register for the next level of appropriate coursework.

** Grade of C or better is required.

Sample Bachelor of Science: Computer Science and Technology Major / Digital Forensics Concentration / selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC-190 or elective</td>
<td>CMDF-210</td>
<td>CMSC-280 (WI)</td>
<td>CMTC-310</td>
</tr>
<tr>
<td>CMSC-190 or elective</td>
<td>CMTC-280</td>
<td>CMFD-280</td>
<td>CMTC-401</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>CMTC-300</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>MATH-115 or 122</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>CRJU-223 or 225</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>PHED #2*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJU-122</td>
<td>CMTC-260</td>
<td>CMFD-300</td>
<td>CMTC-498</td>
</tr>
<tr>
<td>CMDF-200</td>
<td>CMFD-260</td>
<td>CMTC-230</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Ethics</td>
<td>RLST-2XX</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Major in Computer and Information Technology / Management Information Systems Concentration – 58 credits
Courses are 3 credits unless indicated.

Required in the Major:
  - CMTC-190: Introduction to Computer Hardware and Peripherals *
  - CMTC-200: Introduction to Web Development and Design
  - CMTC-230: Introduction to Data Communications
  - CMTC-260: Applied Operating Systems
  - CMTC-280: Information Management
  - CMTC-285: Management Information Systems
  - CMTC-300: Introduction to Visual Basic Programming
  - CMTC-330: Introduction to Visual Basic Programming (4 credits) (WOK: Problem Solving)
  - CMTC-310: Research Methods in Computer and Information Technology **
- CMTC-401: Internship in Computer and Information Technology
- CMTC-498: Senior Seminar: Computer and Information Technology

Also required:
- BADM-104: Introduction to Business
- BADM-280: Information Management
- CMSC-190: Introduction to Programming Logic *
- CMSC-205: Systems Analysis and Design
- CMSC-280: Computer Science: History, Trends and Ethical Issues (Writing Intensive)
- Choice of:
  - MATH-115: Understanding Our Quantitative World (WOK: Problem Solving)
  - MATH-121: Precalculus
- MGMT-105: Principles of Management
- MGMT-205: Project Management

Sample Bachelor of Science: Computer Science and Technology Major/Management Information Systems Concentration /selected minor (declaration of minor not required for graduation): Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/17</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC-190 or elective</td>
<td>CMTC-200</td>
<td>CMSC-280 (WI)</td>
<td>CMTC-310</td>
</tr>
<tr>
<td>CMTC-190 or elective</td>
<td>GLST-201</td>
<td>CMTC-280</td>
<td>CMTC-401</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>MATH-115 or 122</td>
<td>CMTC-300</td>
<td>MGMT-205</td>
</tr>
<tr>
<td>Language-103</td>
<td>MGMT-105</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective (4 cr)</td>
<td>FYIN-101*</td>
<td>PHED #2*</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM-104</td>
<td>CMTC-260</td>
<td>CMSC-330 (4 cr)</td>
<td>CMTC-498</td>
</tr>
<tr>
<td>CMTC-230</td>
<td>CMTC-285</td>
<td>CMTC-230</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Ethics</td>
<td>CMTC-330</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>RLST-2XX</td>
<td>CMSC-205</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td></td>
</tr>
<tr>
<td>PHED-#1*</td>
<td>Public Speaking (1 cr)</td>
<td>WOK or elective</td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Major in Computer and Info Technology/Web/Multimedia Development Concentration – 54 credits
Courses are 3 credits unless indicated.

Required in the Major:
- CMTC-190: Introduction to Computer Hardware and Peripherals *
- CMTC-200: Introduction to Web Development and Design
- CMTC-201: Designing Websites
- CMTC-205: Computer Graphics Design
- CMTC-210: Computer Graphics with PhotoShop
- CMTC-280: Information Management
- CMTC-300: Advanced Web Design: Programming in xHTML and Javascript
- CMTC-310: Research Methods in Computer and Information Technology **
- CMTC-320: Presentations in Multimedia
- CMTC-330: Introduction to Visual Basic Programming
- CMTC-401: Internship in Computer and Information Technology
- CMTC-498: Senior Seminar: Computer and Information Technology

Also required:
- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving) *
- CMSC-280: Computer Science: History, Trends and Ethical Issues (Writing Intensive)
- COMM-221: Video Design and Production I
- Choice of:
  - MATH-115: Understanding Our Quantitative World (WOK: Problem Solving) 
  - OR
  - MATH-121: Precalculus

Recommended, but not required:
- COMM-203: Visual Literacy
- COMM-252: Writing for Electronic Media

Sample Bachelor of Science: Computer Science and Technology Major / Web/Multimedia Development Concentration /selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC-190 or elective</td>
<td>CMTC-200</td>
<td>CMSC-280 (WI)</td>
<td>CMTC-310</td>
</tr>
<tr>
<td>CMTC-190 or elective</td>
<td>GLST-201</td>
<td>CMTC-280</td>
<td>CMTC-401</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>MATH-115 or 122</td>
<td>CMTC-201</td>
<td>CMTC-210</td>
</tr>
<tr>
<td>Language-103</td>
<td>CMTC-205</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>CMTC-201</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>PHED #2*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-221</td>
<td>CMTC-260</td>
<td>CMTC-320</td>
<td>CMTC-498</td>
</tr>
<tr>
<td>CMTC-230</td>
<td>Ethics</td>
<td>Minor #5 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Minor #1 or elective</td>
<td>Minor #3 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED-#1*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 122

Major in Computer and Information Technology/Programming Concentration – 55 credits
Courses are 3 credits unless indicated.

Required in the Major:
- CMTC-190: Introduction to Computer Hardware and Peripherals *
- CMTC-230: Introduction to Data Communications
- CMTC-260: Applied Operating Systems
- CMTC-280: Information Management
- CMTC-300: Advanced Web Design: Programming in xHTML and Javascript
- CMTC-310: Research Methods in Computer and Information Technology **
- CMTC-330: Introduction to Visual Basic Programming (+ credits) *(WOK: Problem Solving)*
- CMTC-401: Internship in Computer and Information Technology
- CMTC-498: Senior Seminar: Computer and Information Technology

Also required:
- CMSC-190: Introduction to Programming Logic *(WOK: Problem Solving)* *
- CMSC-210: Programming in Java
- CMSC-251: Data Structures in Java
- CMSC-280: Computer Science: History, Trends and Ethical Issues *(Writing Intensive)*
- CMSC-285: Algorithms in AI and Robotics
- CMSC-300: Application Development
- CMSC-405: Programming Languages

One course (3 credits) chosen from the following, which may not be offered every semester:
  - CMSC-281: Special Topics in CMSC/Topics vary by semester *(Repeatable for credit)*
  - CMSC-350: Computer Architecture and Logic Design
  - CMSC-481: Advanced Special Topics in CMSC/Topics vary by semester *(Repeatable for credit)*

Choice of:
  - MATH-115: Understanding Our Quantitative World *(WOK: Problem Solving)*
  - OR
  - MATH-121: Precalculus

* May not be required based on interview. Students who do not need to take this course will choose an elective (3 credits.)

** Must earn a grade of C or better.

Sample Bachelor of Science: Computer Science and Tech Major / Programming Concentration / selected minor
(declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/17</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC-190 or elective</td>
<td>CMTC-260</td>
<td>CMTC-300</td>
<td>CMTC-401</td>
</tr>
<tr>
<td>CMTC-190 or elective</td>
<td>GLST-201</td>
<td>CMTC-310</td>
<td>CMSC-300</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>MATH-115 or 122</td>
<td>CMSC-280 (WI)</td>
<td>CMSC elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>WOK or elective (4 cr)</td>
<td>CMSC-405</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>PHED #2*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring - 16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMTC-230</td>
<td>CMTC-280</td>
<td>CMTC-330 (4 cr)</td>
<td>CMTC-498</td>
</tr>
<tr>
<td>CMSC-210</td>
<td>CMSC-251</td>
<td>CMSC-285</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Ethics</td>
<td>RLST-2XX</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED-#1*</td>
<td>Public Speaking (1 cr)</td>
<td>PHED #2*</td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 122
Minor in Computer Science—21 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving)
- CMSC-210: Introduction to Java Programming (4 credits) (WOK: Problem Solving)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-350: Computer Architecture and Logic Design (4 credits)
- Two courses (6 credits) in Computer Science chosen from the following, which may not be offered every semester:
  - CMSC-205: Computer Graphics Design
  - CMSC-280: Computer Science: History, Trends and Ethical Issues (Writing Intensive)
  - CMSC-285: Algorithms in AI and Robotics
  - CMSC-300: Application Development
  - CMSC-321: Communications and Networks
  - CMSC-405: Programming Languages

Minor in Information Management—19 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- CMTC-190: Introduction to Computer Hardware and Peripherals
- CMTC-200: Introduction to Web Design and Development
- CMTC-230: Information Systems for Organizations
- CMTC-280: Information Management (Writing Intensive)
- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving)
- CMSC-210: Introduction to Java Programming (4 credits) (WOK: Problem Solving)

Minor in Web/Multimedia Design—18 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- CMTC-200: Introduction to Web Development and Design
- CMTC-201: Designing Websites
- CMTC-205: Computer Graphics Design
- CMTC-210: Computer Graphics with PhotoShop
- CMTC-215: Desktop Publishing
- CMTC-320: Presentations in Multimedia

Minor in Programming—21 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- CMTC-330: Introduction to Visual Basic Programming (4 credits) (WOK: Problem Solving)
- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving)
- CMSC-210: Introduction to Java Programming (4 credits)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-300: Application Development
- Choose one course (3 credits) from the following, which may not be offered every semester:
CMSC-281: Special Topics in CMSC/Topics vary by semester (Repeatable for credit)
CMSC-285: Algorithms in AI and Robotics
CMSC-481: Advanced Special Topics in CMSC/Topics vary by semester (Repeatable for credit)

Minor in Management Information Systems – 18 credits
Courses are 3 credits unless indicated.
Requirements:
- CMTC-190: Introduction to Computer Hardware and Peripherals
- CMTC-230: Information Systems for Organizations
- CMTC-260: Applied Operating Systems
- CMTC-280: Information Management
- CMTC-285: Management Information Systems
- CMSC-205: Systems Analysis and Design (WOK: Problem Solving)

Combined BS/MS in Instructional Technology
The five-year program in Instructional Technology enables students majoring in Computer and Information Science or Computer and Information Technology to begin a master’s degree in Instructional Technology before completing their undergraduate studies. Educational institutions and businesses need developers for online courses and designers for online training. This program will prepare students to fill those roles.

Beginning the summer before the student’s Junior year, the student takes at least one graduate course in Instructional Technology most semesters. During the summer following the Senior year, the student will take two graduate courses and complete the remaining required graduate courses and thesis during the fifth year of study. Because of the intense nature of this program, students should discuss any plans for a minor with an academic advisor.

Sample Bachelor of Science in either Major and Master of Science in Instructional Technology:
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall</th>
<th>Year Two Fall</th>
<th>Year Three Fall</th>
<th>Year Four Fall</th>
<th>Year Five Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Follow sample schedule for undergraduate major</td>
<td>Follow sample schedule for undergraduate major plus an extra WOK or elective.</td>
<td>Follow sample schedule for undergraduate major but replace WOK/elective with a graduate course.</td>
<td>Follow sample schedule for undergraduate major plus one graduate course.</td>
<td>Three graduate courses.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring</th>
<th>Year Two Spring</th>
<th>Year Three Spring</th>
<th>Year Four Spring</th>
<th>Year Five Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Follow sample schedule for undergraduate major.</td>
<td>Follow sample schedule for undergraduate major plus an extra Way of Knowing/elective.</td>
<td>Follow sample schedule for undergraduate major but replace WOK/elective with a graduate course.</td>
<td>Follow sample schedule for undergraduate major.</td>
<td>Three graduate courses to complete the program.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Summer</th>
<th>Year Two Summer</th>
<th>Year Three Summer</th>
<th>Year Four Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>No courses required.</td>
<td>Take one graduate course.</td>
<td>Take one graduate course.</td>
<td>Take one graduate course.</td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for BS: 121
Total Academic Credits required for the MS: 36
EDUCATION

Carol M. Pate, EdD, Associate Professor of Education, Chair
Richard Black, EdD, Assistant Professor of Education
Theresa Carfagno, EdD, Assistant Professor of Education
Dominic Cotugno, EdD, Associate Professor of Education
Margery Covello, EdD, Associate Professor of Education
Melanie Cohen Goodman, PhD, Assistant Professor of Education
Jessica Kahn, PhD, Professor of Education
Ana Marjanovic-Shane, PhD, Assistant Professor of Education

Chestnut Hill College offers a Bachelor of Science (BS) in Early Education with Certification, and a Bachelor of Science (BS) in Middle-Level Education with Certification. For information please contact Carol Pate, 4th Floor St. Joseph Hall. Telephone: 215/248-7127. Email: cmpate@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation from the College however, a Major and Career GPA of 3.00 or above is required for Certification. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the College requirements for either of the Majors. Majors may need to re-take courses with C- grades if their Career GPA is less than what is required by the Pennsylvania Department of Education (PDE) for Certification.

Although a student may be classified as an Early Education or Middle-Level Education Major on the virtue of acceptance into the College, formal acceptance into either Major occurs prior to the Junior year. Requirements for formal acceptance appear in this catalog. Being classified as an Early Education or Middle-Level Education Major does not infer nor guarantee formal acceptance into either Major.

Student Teaching courses cannot be repeated; a “passing” grade does not guarantee recommendation. Check with an Academic Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements.

In addition to the Majors, Certification in Secondary Education is available as a Minor accompanied by Majors in these content areas:

- Secondary Education, Grades K through 12
  - Latin (Foreign Language Certification)
  - French (Foreign Language Certification)
  - Spanish (Foreign Language Certification)
- Secondary Education, Grades 7 through 12
  - Biology, Biochemistry; Forensic Sciences; Environmental Sciences; Molecular Biology (Biology or General Science Certification)
  - Chemistry (Chemistry Certification)
  - English Literature; Communications (English Certification)
  - Mathematics; Math and Computer Science (Mathematics Certification)
  - History; Political Science (Social Studies Certification)

Chestnut Hill College also offers Montessori Education for Preschool (3 to 6-years-old) through the American Montessori Society. Students interested in becoming a Montessori teacher may take coursework...
in the College’s Montessori Pre-primary Teacher Preparation Program. Successful completion of this program leads to a Pre-primary Credential from the American Montessori Society, usually in conjunction with the state certification program in Early Childhood Education. Students enrolled in other majors may also take additional course work in Montessori Education.

Departmental Mission
The Department of Education’s Teacher Education Program combines a sound liberal arts education with specific training in educational and child development, in curriculum methods and materials, and in extensive fieldwork. The mission of the education department is to build on the intellectual and holistic foundation of the mission of Chestnut Hill College by helping students develop the professional skills and attitudes to educate a diverse community of learners. We seek to foster a deep commitment to teaching and lifelong learning.

The Pennsylvania State Board of Education (PDE) approves all programs leading to certification and it recently passed regulations Chapter 49.1 and 49.2, which significantly reconfigure the certification requirements for instructional and specialist certification programs. Effective Fall 2010, Chestnut Hill College students majoring in Education will choose either Early Education (PreK-4 certification), or Middle-Level Education (Grades 4-8).

Due to the production schedule for this Catalog, the courses and programs of study represent what is expected to be approved. If there are any changes from what is in the catalog, students will be notified in writing.

Honors, Honor Societies and Memberships
Kappa Delta Epsilon is an honorary professional society, the purpose of which is to promote the cause of Education by fostering a spirit of fellowship, high standards of scholastic attainment, and professional ideals among its members.

Membership in the Council for Exceptional Children is open to all education majors and minors. The purpose is to provide opportunities to discuss the latest research on the educational needs of children with disabilities, to foster a spirit of educational fellowship and to provide service to students, schools and organizations working in the areas of special education.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

General Requirements for Admission to the Certification Programs
The Chapter 354 rules and regulations from the Pennsylvania Department of Education determine the requirements for admissions to an approved certification program. First-year students declaring early education or middle level education program must take the Reading and Writing Praxis tests before registering for their education courses in their sophomore year. Students who do not pass one or both of the
tests will be advised about the assistance that is available, including the writing center, PLATO Praxis series practice tests and other available support. Candidates for early education should apply to the education department for formal acceptance to the certification program after completion of 48 credits. Students majoring in Middle Level Education should apply to the education department after completion of 60 credits to ensure that at least four education courses are completed and a GPA of 3.00 is obtained. Students who apply at a later time may need to take courses in summer sessions and/or take courses for an additional semester in order to complete the program within a four-year schedule.

The formal application process (also included in the education department’s Admissions Handbook), includes submission of the following items: two letters of recommendation attesting to the student’s cognitive, physical and social capabilities in preparation for teaching; documentation of a minimum Career GPA of 2.8 and a major GPA of 3.00 at the time of application; documentation of 6 credits of English (one writing course, one literature- a grade of C or better required in ENGL-101: College Writing) and 6 credits of Math (MATH-231: Basic Mathematical Theory and Applications I and MATH-232: Basic Mathematical Theory and Applications II with a grade of C or better); documentation of 40 hours of observation or participation in educationally related settings (can be accomplished through required field experiences in education courses); Stage One Portfolio; documentation of passing the three PPST tests (Reading, Writing and Math) at time of application to the certification program; and successful completion of designated course.

Special note for transfer students: Requirements for transfer students seeking admission to the certification program will be determined on an individual basis by an academic advisor and the education department.

An Admissions and Review Committee from the Education Department, consisting of three education department faculty members, will review all applications that are deficient in one or more areas (for example, students who have less than a 3.00 GPA in the major at the time of application). Depending on the information submitted as part of the admissions process, the following might occur: a student would be advised to choose another major so that the student has time to fulfill the requirements for the new major or a student may receive conditional approval to continue one additional semester of coursework in order to meet admissions requirements. After examining the information, the Admissions and Review Committee will notify the student’s advisor of the decision. A student will receive a letter from the department indicating the decision to include further steps necessary either to continue in the process of acceptance or to work with the advisor for other options. A student whose application for admission to the certification program is denied may appeal to a faculty panel made up of a minimum of three education department faculty members, inclusive of the Chair of the department. The faculty panel will review the information and make a final decision.

Students who are accepted into the education department will begin their practicum and student teaching experiences. In addition, specific physical, social and cognitive capabilities are continually assessed through the monitoring of coursework requirements and evaluation during the practicum and student teaching experiences. These experiences are key to determining a final recommendation for certification.

The Education Department uses criteria outlined in the practicum and student teaching handbooks to continually evaluate a candidate’s performance. If any concern about the candidate’s performance is raised during the practicum and/or student teaching experiences, the concern will be brought to the Admissions and Review Committee. Information and documentation will be gathered from faculty members as well as practicum and/or student teaching supervisors who have had the student in class. In addition, completed
evaluations and other relevant information will be obtained in order to make a determination of the candidate’s continuation in the certification program.

Following the successful completion of coursework; Stage I, II, III and IV (student teaching) field experiences; and receiving passing scores on the required Praxis II tests for the certification area, a student may be eligible to apply for Pennsylvania Instructional I certification. PDE certification requirements must be completed at the time of application, however, students who graduate with a GPA of 2.80-2.99 will not be eligible to be recommended for PreK-4 or Middle Level certification unless they pass the requisite Praxis II examinations by a 1.0 or higher standard deviation above the qualifying score. For students who graduate with a 3.00 GPA or higher, the qualifying Praxis II score may be lower. The year following graduation is called the Induction Year, and the new teacher will teach in a school district with an approved induction plan. Please contact an advisor for specifics.

Program Competencies
All students in the Early Education (PreK-4), Middle Level Education (Grades 4-8) majors and Secondary Education (K-12; 7-12 content areas) minor certification programs must cognitively, physically and socially be able to meet specific competencies as part of the admissions process, through the completion of approved coursework and fieldwork experiences, and when exiting the program. Evidence of cognitive abilities includes a Career GPA of 2.80 with a GPA of 3.00 in the major and successful completion of all coursework and experiences. Evidence of physical capabilities is the demonstration of an ability to fully maintain a safe and supportive learning environment for children as demonstrated through field experiences in specific courses, approved practicum placements and student teaching. Evidence of social capabilities is the demonstration of a student’s ability to teach with poise, confidence and control in a classroom environment, as well as to develop and maintain professional relationships as demonstrated in coursework, practicum and student teaching experiences.

Exit Competencies
Students are required to complete a student teaching portfolio that provides documentation of the following competencies:

- The teacher understands the central concepts, tools of inquiry, and structures of the discipline the teacher teaches and can create learning experiences that make these aspects of subject matter meaningful for all students.
- The teacher understands how all children learn and develop, and can provide learning opportunities that support their intellectual, social, career and personal development.
- The teacher understands how students differ in their ability and approaches to learning and creates opportunities that foster achievement of diverse learners in the inclusive classroom.
- The teacher understands and uses a variety of instructional strategies, including interdisciplinary learning experiences, to encourage students’ development of critical thinking, problem-solving and performance skills.
- The teacher cognitively, physically and socially demonstrates the ability to provide for the safety and well-being of all students. The teacher will utilize individual and group behavior strategies that create a learning environment supporting positive social interaction, active engagement in learning and self-discipline.
- The teacher uses knowledge of effective verbal, nonverbal, and media communication techniques, supported by appropriate technology to foster active inquiry, collaboration, and supportive interaction in the classroom.
The teacher plans instruction based on knowledge of subject matter, students, and the community and curriculum goals. The teacher understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of the learner.

The teacher thinks systematically about practice, learns from experience, seeks the advice of others, draws upon educational research and scholarship and actively seeks out opportunities to grow professionally.

The teacher contributes to school effectiveness by collaborating with other professionals and parents by using community resources, and by working as an advocate to improve opportunities for student learning.

Portfolio Requirements
Beginning in the Sophomore year students will begin gathering evidence (including coursework papers, observations, and education course class presentations) for review by their advisors and also, in subsequent years, by their practicum supervisors and their student teacher advisors. The Sophomore and Junior year portfolio criteria have been configured to meet the PDE’s specific program content, performance and professionalism guidelines for middle-level or secondary education. The student teaching portfolio has been configured to demonstrate the exit competencies that reflect an integration of the pre-services experiences. This final portfolio also serves as part of the professional application process when seeking a teaching position.

Exit Criteria
Included in the student teaching portfolio must be documentation indicating the following criteria have been met:

- Successful completion of all program coursework, field experiences and student teaching in the certification program;
  - Career GPA of 2.8 or higher and a 3.00 or higher GPA in the major*
  - Successful completion of exit competencies evaluated by the PDE 430 form and student teaching (Stage IV)
  - Stage IV portfolio
  - Passing of all appropriate Praxis II Series exams required by PDE.

* Students who graduate with a Career GPA of 2.80-2.99 will not be eligible to be recommended for PreK-4 or Middle Level certification unless they pass the requisite Praxis II examinations by 1.0 or higher standard deviation above the qualifying score. For students who graduate with a 3.00 GPA or higher, the qualifying Praxis II score may be lower.

Early Education (PreK – 4)
All students in the Major in Early Education (PreK-4) also qualify for a Minor in Special Education and an academic advisor will assist with this aspect of course planning. Students majoring in Early Education (PreK-4) will complete courses within the Education Department including student teaching and the student teaching seminar in addition to meeting all Core Requirements. Due to the production schedule for this Catalog, the courses and program of study represent what is expected to be approved. If there are any changes from what is in the catalog, students will be notified in writing.

Major in Early Education (PreK-4) - 83 credits
Courses are 3 credits unless indicated. Courses in italics are pending approval.
Required in the Major:
- EDP4-201: Development / Early Years
- EDP4-202: Educational Psychology / Early Years (Behavioral WOK)
- EDP4-203: ECE Foundations
- EDP4-207: Early Literacy
- EDP4-210: Reading with Trade Books
- EDP4-301: Health and Safety Methods
- EDP4-311: K-4 Writing Methods
- EDP4-314: Creative Arts Methods
- EDP4-315: Math Methods and Assessment
- EDP4-316: Social Studies Methods and Assessment
- EDP4-317: Science Methods and Assessment
- EDP4-318: Family and Community Partners
- EDP4-320: PreK-4 Assessment
- EDP4-321: Classroom Management and Application Instruction
- EDP4-420: Professionalism in Student Teaching (6 credits) *
- EDP4-421: Professional Student Teaching Seminar
- EDP4-498: Senior Seminar in Education

Also required:
- ENGL-200-level
- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) **
- MATH-232: Basic Mathematical Theory and Applications II (WOK: Problem Solving) **
- SPP8-340: Introduction to Special Education
- SPP8-345: Assessments and Adaptations
- SPP8-355: Instruction in Inclusive Environ
- SPP8-312: Reading Intervention for Diverse Learners
- SPP8-390: ESL Foundations and Methods
- HSVC-105: Introduction to Human Services (WOK: Behavioral)
- PHED-107: Movement for Children (2 credits)
- Foreign Language at the 103-level or higher

* Student Teaching courses cannot be repeated; a “passing” grade does not guarantee recommendation. Check with an Academic Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements.
** Grade of C or better is required.

Sample Bachelor of Science in Early Education (PreK-4) / Special Education Minor:
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101**</td>
<td>EDP4-207</td>
<td>EDP4-314</td>
<td>EDP4-317</td>
</tr>
<tr>
<td>MATH-231 **</td>
<td>EDP4-203</td>
<td>RLST-2XX</td>
<td>SPP8-355</td>
</tr>
<tr>
<td>Language-103 or above</td>
<td>GLST-201</td>
<td>SPP8-340</td>
<td>SPP8-312</td>
</tr>
<tr>
<td>RLST-104</td>
<td>ENGL-2XX</td>
<td>EDP4-311</td>
<td>EDP4-301</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>EDP4-320</td>
<td>EDP4-498</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
<tr>
<td>Student takes PRAXIS I PPST series (reading, writing and math.)</td>
<td>Student begins Stage I Portfolio.</td>
<td>Student begins Stage II Portfolio; acceptance at middle or end of Junior year.</td>
<td>Student meets Benchmark 2.</td>
</tr>
<tr>
<td>Year One Spring – 15</td>
<td>Year Two Spring - 15</td>
<td>Year Three Spring – 15</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------</td>
<td>------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>EDP4-202</td>
<td>EDP4-321</td>
<td>EDP4-420 (6 cr)</td>
</tr>
<tr>
<td>MATH-232**</td>
<td>EDP4-210</td>
<td>EDP4-315</td>
<td>EDP4-421</td>
</tr>
<tr>
<td>EDP4-201</td>
<td>HSVC-105</td>
<td>EDP4-316</td>
<td>SPP8-390</td>
</tr>
<tr>
<td>HSVC-105</td>
<td>WOK or elective (4 cr)</td>
<td>EDP4-318</td>
<td>Ethics</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>PHED-107 (2 cr)/Swim Test</td>
<td>SPP8-345</td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.*

**Grade of C or better is required.**

Minimum Academic Credits required for graduation: 121

**Middle-Level Education (Grades 4-8)**

Due to the production schedule for this Catalog, the courses and programs of study represent what is expected. If there are any changes from what is in the catalog, students will be notified in writing.

**Major in Middle-Level Education (Grades 4-8) - 113 credits**

Courses are 3 credits unless indicated. Courses in italics are pending approval.

**Required in the Major:**

- EDML-201: Development/Middle Years
- EDML-202: Educational Psychology/Middle Years (WOK: Behavioral)
- EDML-203: Philosophy/Middle School
- EDML-310: Reading Methods I
- EDML-311: Writing Methods
- EDML-312: Reading Methods II
- EDML-315: Math Methods
- EDML-316: Social Studies Methods
- EDML-317: Science Methods
- EDML-320: Assessing Student Learning
- EDML-321: Classroom Management and Instruction
- EDML-420: Professionalism in Student Teaching (6 credits)
- EDML-421: Professional Student Teaching Seminar *
- EDML-498: Senior Seminar in Education

**Also required:**

- ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
- BIOL-101: Inquiry Into Life I (4 credits) (WOK: Scientific)
- BIOL-102: Inquiry Into Life II (4 credits) (WOK: Scientific)
- ENGL-104: Introduction to Literature (WOK: Literary; Writing Intensive)
- Choice of:
  - ENGL-201: Shakespeare's Heroes and Heroines (WOK: Literary)
  - OR
  - ENGL-202: Shakespeare in Love and War
- ENGL-260: Ethnic Voices
- ENGL-205: American Poetry
- ENGL-300: James Joyce and Ulysses
- HIST-101: West Civilization: Antiquity-Renaissance *(WOK: Historical)*
- HIST-141: American Survey: Colonial - Civil War
- HIST-250: The Pennsylvania Experience
- GEOG-201: World Geography: Humanity/Environments
- MATH-231: Basic Mathematical Theory and Applications I *(WOK: Problem Solving)* **
- MATH-232: Basic Mathematical Theory and Applications II *(WOK: Problem Solving)* **
- MATH-233: Basic Mathematical Theory and Applications III ** %
- SPP8-345: Assessments and Adaptations
- SPP8-355: Instruction in Inclusive Environment
- SPP8-312: Reading Intervention for Diverse Learn
- SPP8-340: Introduction to Special Education
- SPP8-390: ESL Foundations and Methods
- Foreign Language at the 103-level or higher
- 100-level Science course - TBA

* Student Teaching courses cannot be repeated; a “passing” grade does not guarantee recommendation. Check with an Academic Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements.

** Grade of C or better is required.

% Discuss options with Advisor.

**Sample Bachelor of Science in Middle-Level Education (4-8) / English, Reading and Language arts concentration with Special Education Minor:**

Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/18</th>
<th>Year Three Fall – 18</th>
<th>Year Four Fall – 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101**</td>
<td>MATH-233</td>
<td>ENGL-201 or 202</td>
<td>SPP8-345</td>
</tr>
<tr>
<td>MATH-231**</td>
<td>BIOL-102 (4 cr)</td>
<td>RLST-200</td>
<td>SPP8-355</td>
</tr>
<tr>
<td>Language-103 or above</td>
<td>ENGL-104</td>
<td>EDML-311</td>
<td>SPP8-312</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>EDML-203</td>
<td>HIST-250</td>
<td>EDML-316</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>GLST-201</td>
<td>EDML-312</td>
<td>EDML-498</td>
</tr>
<tr>
<td></td>
<td>FYIN-101*</td>
<td>GEOG-201</td>
<td>EDML-317</td>
</tr>
<tr>
<td></td>
<td>PHED #2*/Swim Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student takes PRAXIS I</td>
<td>Student begins Stage I Portfolio.</td>
<td>Student begins Stage II Portfolio; acceptance at middle or end of junior year.</td>
<td>Student meets Benchmark 2.</td>
</tr>
<tr>
<td>PPST series (reading,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>writing and math.)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 16</th>
<th>Year Two Spring – 18</th>
<th>Year Three Spring – 18</th>
<th>Year Four Spring – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILAR-101</td>
<td>EDML-202</td>
<td>EDML-321</td>
<td>EDML-420</td>
</tr>
<tr>
<td>HIST-101</td>
<td>ENGL-260</td>
<td>ENGL-205</td>
<td>EDML-421</td>
</tr>
<tr>
<td>MATH-232 **</td>
<td>ARTH-101</td>
<td>EDML-315</td>
<td>SPP8-390</td>
</tr>
<tr>
<td>BIOL-101 (4 cr)</td>
<td>HIST-141</td>
<td>SPP8-340</td>
<td>Ethics</td>
</tr>
<tr>
<td>EDML-201</td>
<td>EDML-310</td>
<td>EDML-320</td>
<td>Public Speaking (1 cr)</td>
</tr>
<tr>
<td></td>
<td>Science - TBA</td>
<td>ENGL-300</td>
<td></td>
</tr>
<tr>
<td>Student takes all three</td>
<td>Student meets Benchmark 1; successfully completes Stage I Portfolio; applies and can be accepted into the Education Dept.</td>
<td></td>
<td>Successfully completes Stage III Portfolio. Student meets Benchmark. Student meets all Exit Criteria and Exit Competencies.</td>
</tr>
<tr>
<td>Subtests of PRAXIS I exam.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation. ** Grade of C or better required.

**Minimum Academic Credits required for graduation: 132**
ENGLISH AND COMMUNICATIONS

Barbara Lonnquist, PhD, Associate Professor of English, Chair
Suzanne del Gizzo, PhD, Assistant Professor of English
Karen Getzen, PhD, Assistant Professor of English
Judy Jackson, JD, MFA, Assistant Professor of Communication
Kimberly Leahy, MBA, PhD, Assistant Professor of Communication and Communications Major Coordinator
Susan Magee, MFA, Instructor in Communication
Keely McCarthy, PhD, Associate Professor of English and Coordinator of the Writing Program
Megan E. Ryan, MA, Instructor in Writing and Director of Writing Center
Rita Michael Scully, SSJ, MA, Associate Professor of English

Chestnut Hill College offers a Bachelor of Arts (BA) in English Literature; a Bachelor of Arts (BA) in Communications; a Bachelor of Arts (BA) in English Literature and Communications; and a Bachelor of Science (BS) in Communications and Technology (new program, Fall 2010). Minors in English Literature and Communications are also offered. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors.

Departmental Mission
The English and Communication Department offers a flexible program that develops students’ literacy in numerous genres to prepare them for a variety of fields after graduation. Students may choose from several majors in the department, as listed above. The overall goals are to offer knowledge in diverse forms of written, oral and visual expression; to train students in critical thinking and effective written and oral communication; and to help students integrate their own intellectual development with critical theory in their particular field of study. Each of the majors culminates in the production of a senior thesis, in which students demonstrate their ability to present and synthesize critical analysis and research in their field.

Placement Testing
All incoming first-year students must take a writing placement test administered by the English Department. Registration in ENGL-100: Essay Writing may be required based on the results of the test. ENGL-100 does NOT satisfy the general education requirement in college writing however, the 3 credits earned may be used as elective credits towards graduation. Students successfully completing ENGL-100 will register for ENGL-101: College Writing the following semester.

Advanced Placement
A score of 4 or 5 on the English Language and Composition Exam may be accepted as credit for ENGL-101: College Writing depending upon results of the College’s writing placement exam.

A score of 4 or 5 on the English Literature Exam will be accepted as 3 elective credits in English at the discretion of the department.
Honors and Honor Societies
Students who meet the requisite GPA of 3.00 and receive departmental approval are eligible for membership in the national honor societies of their respective disciplines: Sigma Tau Delta, the International English Honor Society and Lambda Pi Eta, the National Communication Honor Society.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Certifications
The English Literature Major and the English Literature and Communication Major may be applied toward Secondary Education Certification. More information may be found in the Education section.

Extra-curricular Activities
A yearbook, newspaper, campus magazines, a literary and a scholarly journal offer English and Communication majors opportunities to develop their writing interests and skills. The TV and Radio Clubs offer opportunities for all students to participate in, prepare and edit campus media programs.

Course Options
In addition to courses for majors and minors, the department offers several courses for students of any major interested in fulfilling a Way of Knowing or Writing Intensive requirement, or pursuing an interest in English or Communications without completing a minor. Check the Course Description section for any Pre-Requisites.

Courses are three credits unless indicated. Courses open to students of any major meeting the indicated Pre-Requisites include the following, which may not be offered each semester:

- COMM-102: Newspaper Workshop (1 credit course, may be taken up to three times)
- COMM-110: Introduction to Communication (WOK: Behavioral)
- COMM-112: Television Workshop (1 credit course, may be taken up to three times)
- COMM-141: Introduction to Journalism
- COMM-201: Introduction to Film Analysis
- COMM-203: Visual Literacy
- COMM-210: Interpersonal Communication (WOK: Behavioral)
- COMM-221: Video Design and Production I
- COMM-251: Mass Media and Society (WOK: Behavioral)
- COMM-252: Writing for Electronic Media (Writing Intensive)
- COMM-253: Public Speaking
- COMM-254: Advertising (WOK: Behavioral)
- COMM-255: Public Relations (WOK: Behavioral)
- COMM-275: Persuasive Methods
- COMM-258: Scriptwriting (Writing Intensive)
- COMM-260: Public Relations Writing (*Writing Intensive*)
- COMM-265: Writing and Editing for Magazines (*Writing Intensive*)
- COMM-325: Video Design and Production II
- COMM-281: Special Topics in Communications/Topics vary by semester (*Repeatable for credit.*)
- COMM-481: Advanced Special Topics in Communications/Topics vary by semester (*Repeatable for credit.*)

- ENGL-100: Essay Writing *
- ENGL-101: College Writing *
- ENGL-102: The International Tale (*WOK: Literary*)
- ENGL-104: Introduction to Literature (*WOK: Literary; Writing Intensive*)
- ENGL-105: Advanced College Writing
- ENGL-110: Literature into Film (*WOK: Literary*)
- ENGL-175: The Short Story (*WOK: Literary*)
- ENGL-190: The Japanese Tale
- ENGL-201: Shakespeare's Heroes and Heroines (*WOK: Literary*)
- ENGL-202: Shakespeare in Love and War (*WOK: Literary*)
- ENGL-204: Writing Literary Non-Fiction
- ENGL-205: American Poetry (*WOK: Literary*)
- ENGL-206: Twentieth-Century and Contemporary British Poetry (*WOK: Literary*)
- ENGL-225: Eighteenth-Century British Literature (*WOK: Literary*)
- ENGL-227: Drama: Classical to Modern (*WOK: Literary*)
- ENGL-228: Modern Drama (*WOK: Literary*)
- ENGL-233: English Romantic Writers (*WOK: Literary*)
- ENGL-238: Victorian Literature (*WOK: Literary*)
- ENGL-240: The Comic Spirit
- ENGL-241: Gender and Literature (*WOK: Literary; Writing Intensive*)
- ENGL-245: The American Theater (*WOK: Literary*)
- ENGL-248: Irish Literature I: The Celtic Era to the Gaelic Movement (*WOK: Literary*)
- ENGL-249: Irish Literature II: 20th Century Irish Renaissance to the Present (*WOK: Literary*)
- ENGL-250: Creative Writing
- ENGL-251: African-American Writers (*WOK: Literary*)
- ENGL-260: Ethnic Voices (*WOK: Literary*)
- ENGL-264: Early American Literature, contact-1820 (*WOK: Literary*)
- ENGL-265: American Romanticism, 1820-1865 (*WOK: Literary*)
- ENGL-266: Modern American Literature, 1865-1945 (*WOK: Literary*)
- ENGL-267: Contemporary American Literature, 1940-present (*WOK: Literary*)
- ENGL-271: Gothic Tradition in Literature (*WOK: Literary*)
- ENGL-280: American Literature of the 1920s: The Lost Generation (*WOK: Literary; Writing Intensive*)
- ENGL-281: Special Topics in English/Topics vary by semester (*Repeatable for credit*)
- ENGL-300: James Joyce and Ulysses
- ENGL-301: American Novel (*WOK: Literary; Writing Intensive*)
- ENGL-308: British Novel (*WOK: Literary; Writing Intensive*)
- ENGL-338: Age of Chaucer (*WOK: Literary*)
- ENGL-340: American Literature Seminar
- ENGL-342: British Literature Seminar
- ENGL-410: A Sense of Place (*Intersession course — additional charge*)
- ENGL-481: Advanced Special Topics in English/Topics vary by semester (*Repeatable for credit*)

* If taken to fulfill a Core Requirement, a grade of C- is required.

**English Literature**

English Literature majors develop knowledge of literary genres, traditions, and historical periods and of the critical reception of literature. A variety of course approaches (genre, period or thematic perspective) allows students to engage textual material with sensitivity to the richness and complexities of language and culture and also to integrate critical thinking, writing, and research skills in the production of literary analysis.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses *Required in the Major* comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both *Required in the Major* and *Also Required* in order to successfully complete the requirements for the Major. For information, please contact Barbara Lonnquist, Room 203 St. Joseph Hall. Telephone: 215/248-7178. Email: lnnquistb@chc.edu.

**Major in English Literature — 39 credits**

*Required in the Major:*

1. **Choice of:**
   - ENGL-201: Shakespeare's Heroes and Heroines (*WOK: Literary*)
   - OR
   - ENGL-202: Shakespeare in Love and War

2. **Three courses (9 credits) in American Literature:**
   - Two courses (6 credits) at the 200-level chosen from the following, which may not be offered every semester:
     - ENGL-205: American Poetry
     - ENGL-245: The American Theater
     - ENGL-251: African-American Writers
     - ENGL-264: Early American Literature, contact-1820
     - ENGL-265: American Romanticism, 1820-1865
     - ENGL-266: Modern American Literature, 1865-1945
     - ENGL-267: Contemporary American Literature, 1940-present
     - ENGL-280: American Literature of the 1920s: The Lost Generation (*Writing Intensive*)
   - One course (3 credits) at the 300-level chosen from the following, which may not be offered every semester:
     - ENGL-301: American Novel (*Writing Intensive*)
     - ENGL-340: American Literature Seminar

3. **Three courses (9 credits) in British Literature:**
   - Two courses (6 credits) at the 200-level chosen from the following, which may not be offered every semester:
     - ENGL-206: Twentieth-Century and Contemporary British Poetry
     - ENGL-225: Eighteenth-Century British Literature
- ENGL-233: British Romantic Writers
- ENGL-238: Victorian Literature
- ENGL-248: Irish Literature I: The Celtic Era to the Gaelic Movement
- ENGL-249: Irish Literature II: 20th Century Irish Renaissance to the Present
  - One course (3 credits) at the 300-level chosen from the following, which may not be offered every semester:
    - ENGL-300: James Joyce and Ulysses
    - ENGL-308: British Novel (Writing Intensive)
    - ENGL-338: Age of Chaucer
    - ENGL-342: British Literature Seminar
- ENGL-488: Research Writing
- ENGL-498: Senior Seminar in English Literature
- Four courses (12 credits) chosen from the following, which may not be offered every semester:
  - ENGL-104: Introduction to Literature (Writing Intensive)
  - ENGL-110: Literature into Film
  - ENGL-175: The Short Story
  - ENGL-190: The Japanese Tale
  - ENGL-227: Drama: Classical to Modern
  - ENGL-228: Modern Drama
  - ENGL-240: The Comic Spirit
  - ENGL-241: Gender and Literature (Writing Intensive)
  - ENGL-250: Creative Writing
  - ENGL-260: Ethnic Voices
  - ENGL-271: Gothic Tradition in Literature
  - ENGL-281: Special Topics in English/Topics vary by semester (Repeatable for credit)
  - ENGL-401: Internship in English Literature
  - ENGL-410: A Sense of Place (Intersession course – additional charge)
  - ENGL-481: Advanced Special Topics in English/Topics vary by semester (Repeatable for credit)

Sample Bachelor of Arts: English Literature Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>ENGL-2XX American</td>
<td>ENGL-3XX American</td>
<td>ENGL-488</td>
</tr>
<tr>
<td>RLST-104</td>
<td>ENGL-2XX-British</td>
<td>ENGL elective (WI)</td>
<td>ENGL elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>RLST-2XX</td>
<td>Ethics</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>GLST-201</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring -15/16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILAR-101</td>
<td>ENGL-2XX American</td>
<td>ENGL-3XX British</td>
<td>ENGL-498</td>
</tr>
<tr>
<td>ENGL-201 or 202</td>
<td>ENGL-2XX-British</td>
<td>ENGL elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL-2XX American</td>
<td>ENGL elective</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL-2XX British</td>
<td>Minor #1 or elective</td>
<td>Minor #5 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>PHED #1* Swim Test*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120
Minor in English Literature – 18 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

- Choice of:
  - ENGL-201: Shakespeare's Heroes and Heroines (WOK: Literary)
    OR
  - ENGL-202: Shakespeare in Love and War (WOK: Literary)

- One courses (3 credits) in American Literature at the 200-level or above chosen from the following, which may not be offered every semester:
  - ENGL-205: American Poetry (WOK: Literary)
  - ENGL-245: The American Theater (WOK: Literary)
  - ENGL-251: African-American Writers (WOK: Literary)
  - ENGL-264: Early American Literature, contact-1820 (WOK: Literary)
  - ENGL-265: American Romanticism, 1820-1865 (WOK: Literary)
  - ENGL-266: Modern American Literature, 1865-1945 (WOK: Literary)
  - ENGL-267: Contemporary American Literature, 1940-present (WOK: Literary)
  - ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary; Writing Intensive)
  - ENGL-301: American Novel (WOK: Literary; Writing Intensive)
  - ENGL-340: American Literature Seminar

- One courses (3 credits) in British Literature at the 200-level or above chosen from the following, which may not be offered every semester:
  - ENGL-206: Twentieth-Century and Contemporary British Poetry (WOK: Literary)
  - ENGL-225: Eighteenth-Century British Literature (WOK: Literary)
  - ENGL-233: British Romantic Writers (WOK: Literary)
  - ENGL-238: Victorian Literature (WOK: Literary)
  - ENGL-248: Irish Literature I: The Celtic Era to the Gaelic Movement (WOK: Literary)
  - ENGL-249: Irish Literature II: 20th Century Irish Renaissance to the Present (WOK: Literary)
  - ENGL-300: James Joyce and Ulysses
  - ENGL-308: British Novel (WOK: Literary; Writing Intensive)
  - ENGL-338: Age of Chaucer (WOK: Literary)
  - ENGL-342: British Literature Seminar

- Three courses (9 credits) chosen from the following, which may not be offered every semester:
  - ENGL-104: Introduction to Literature (WOK: Literary; Writing Intensive)
  - ENGL-110: Literature into Film (WOK: Literary)
  - ENGL-175: The Short Story (WOK: Literary)
  - ENGL-190: The Japanese Tale
  - ENGL-227: Drama: Classical to Modern (WOK: Literary)
  - ENGL-228: Modern Drama (WOK: Literary)
  - ENGL-240: The Comic Spirit
  - ENGL-241: Gender and Literature (WOK: Literary; Writing Intensive)
  - ENGL-250: Creative Writing
  - ENGL-260: Ethnic Voices (WOK: Literary)
  - ENGL-271: Gothic Tradition in Literature (WOK: Literary)
  - ENGL-281: Special Topics in English/Topics vary by semester (Repeatable for credit)
ENGL-401: Internship in English Literature
ENGL-410: A Sense of Place (Intersession course – additional charges)
ENGL-481: Advanced Special Topics in English/Topics vary by semester (Repeatable for credit)

English Literature and Communications

Major in English Literature and Communications – 45 credits

Required in the Major:
- Choice of:
  - COMM-110: Introduction to Communications
  - OR
  - COMM-141: Introduction to Journalism

- Five courses (15 credits) chosen from the following, which may not be offered every semester:
  - COMM-102: Newspaper Workshop (1 credit course may be taken up to three times)
  - COMM-112: Television Workshop (1 credit course may be taken up to three times)
  - COMM-201: Introduction to Film Analysis
  - COMM-203: Visual Literacy
  - COMM-210: Interpersonal Communication
  - COMM-221: Video Design and Production I
  - COMM-230: Audio Production
  - COMM-251: Mass Media and Society
  - COMM-252: Writing for Electronic Media
  - COMM-253: Public Speaking
  - COMM-255: Public Relations
  - COMM-258: Scriptwriting
  - COMM-260: Public Relations Writing
  - COMM-265: Writing and Editing for Magazines
  - COMM-275: Persuasive Methods
  - COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
  - COMM-310: Theories and Research Methods
  - COMM-325: Video Design and Production II
  - COMM-401: Internship in Communications
  - COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
  - COMM-498: Senior Seminar in Communications

- Two courses (6 credits) in American Literature at the 200-level or above chosen from the following, which may not be offered every semester:
  - ENGL-205: American Poetry (WOK: Literary)
  - ENGL-245: The American Theater (WOK: Literary)
  - ENGL-251: African-American Writers (WOK: Literary)
  - ENGL-264: Early American Literature, contact-1820 (WOK: Literary)
  - ENGL-265: American Romanticism, 1820-1865 (WOK: Literary)
  - ENGL-266: Modern American Literature, 1865-1945 (WOK: Literary)
  - ENGL-267: Contemporary American Literature, 1940-present (WOK: Literary)
  - ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary; Writing Intensive)
  - ENGL-301: American Novel (WOK: Literary; Writing Intensive)
  - ENGL-340: American Literature Seminar
Two courses (6 credits) in British Literature at the 200-level or above chosen from the following, which may not be offered every semester:

- ENGL-206: Twentieth-Century and Contemporary British Poetry (WOK: Literary)
- ENGL-225: Eighteenth-Century British Literature (WOK: Literary)
- ENGL-233: British Romantic Writers (WOK: Literary)
- ENGL-238: Victorian Literature (WOK: Literary)
- ENGL-248: Irish Literature I: The Celtic Era to the Gaelic Movement (WOK: Literary)
- ENGL-249: Irish Literature II: 20th Century Irish Renaissance to the Present (WOK: Literary)
- ENGL-300: James Joyce and Ulysses
- ENGL-308: British Novel (WOK: Literary; Writing Intensive)
- ENGL-338: Age of Chaucer (WOK: Literary)
- ENGL-342: British Literature Seminar

Choice of:

- ENGL-201: Shakespeare’s Heroes and Heroines
  OR
- ENGL-202: Shakespeare in Love and War
- ENGL-488: Research Writing
- ENGL-498: Senior Seminar in English Literature

Two courses (6 credits) chosen from the following, which may not be offered every semester

- ENGL-104: Introduction to Literature (WOK: Literary; Writing Intensive)
- ENGL-110: Literature into Film (WOK: Literary)
- ENGL-175: The Short Story (WOK: Literary)
- ENGL-190: The Japanese Tale
- ENGL-227: Drama: Classical to Modern (WOK: Literary)
- ENGL-228: Modern Drama (WOK: Literary)
- ENGL-240: The Comic Spirit
- ENGL-241: Gender and Literature (WOK: Literary; Writing Intensive)
- ENGL-250: Creative Writing
- ENGL-260: Ethnic Voices (WOK: Literary)
- ENGL-271: Gothic Tradition in Literature (WOK: Literary)
- ENGL-281: Special Topics in English/Topics vary by semester (Repeatable for credit)
- ENGL-401: Internship in English Literature
- ENGL-410: A Sense of Place (Intersession course)
- ENGL-481: Advanced Special Topics in English/Topics vary by semester (Repeatable for credit.)

Sample Bachelor of Arts: English Literature Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>ENGL American</td>
<td>COMM elective</td>
<td>ENGL-488</td>
</tr>
<tr>
<td>COMM-110 or 141</td>
<td>ENGL British</td>
<td>ENGL elective (WI)</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>RLST-2XX</td>
<td>Ethics</td>
<td>ENGL-201 or 202</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>GLST-201</td>
<td>Minor #3 or elective</td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMM elective</td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring -16/17</td>
<td>Year Three Spring – 15</td>
<td>Year Four Spring – 13</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------</td>
<td>------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>COMM elective</td>
<td>COMM elective</td>
<td>ENGL-498</td>
</tr>
<tr>
<td>COMM elective</td>
<td>ENGL elective</td>
<td>ENGL elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL American</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>Minor #5 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Communications

Chestnut Hill College offers the Bachelor of Arts (BA) in Communications and the Bachelor of Science (BS) in Communications and Technology. Core courses explore theories and practices of communication. Communications majors choose an area of concentration from the following: Media Studies and Production; Journalism and Professional Writing; or Corporate Communications. The program integrates research, analysis and creative production.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors. Interested students should contact Kimberly Leahy, Room 1 St. Joseph Hall. Telephone: 215/248-3601. Email: Leahyk@chc.edu.

Major in Communications/Media Studies and Production Concentration – 45 credits

Courses are 3 credits unless indicated.

Required in the Major:

- COMM-110: Introduction to Communications (WOK: Behavioral)
- COMM-201: Introduction to Film Analysis
- COMM-203: Visual Literacy
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-251: Mass Media and Society
- COMM-253: Public Speaking
- COMM-258: Scriptwriting (Writing Intensive)
- COMM-310: Theories and Research Methods
- COMM-325: Video Design and Production II
- COMM-401: Internship in Communications
- COMM-498: Senior Seminar in Communications
- Three courses (9 credits) chosen from the following, which may not be offered every semester:
  - COMM-102: Newspaper Workshop (1 credit course, may be taken up to three times)
  - COMM-112: Television Workshop (1 credit course, may be taken up to three times)
  - COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
  - COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
**Sample Bachelor of Arts: Communications Major / Media Studies and Production Concentration / selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 14</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-110</td>
<td>COMM-221</td>
<td>COMM-253</td>
<td>COMM-310</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>COMM-230</td>
<td>Ethics</td>
<td>COMM-401</td>
</tr>
<tr>
<td>Language 103</td>
<td>RLST-2XX</td>
<td>Minor #1 or elective</td>
<td>COMM elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>WOK or elective (4 cr)</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Elective (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td>Elective (1 cr)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring – 15/16</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-201</td>
<td>COMM-251</td>
<td>COMM-325</td>
<td>COMM-498</td>
</tr>
<tr>
<td>COMM-203</td>
<td>COMM-258 (WI)</td>
<td>COMM elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>COMM elective</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**

**Major in Communications / Corporate Communication Concentration** – 45 credits

Courses are 3 credits unless indicated.

**Required in the Major:**

- COMM-110: Introduction to Communications (*WOK: Behavioral*)
- COMM-210: Interpersonal Communication
- COMM-251: Mass Media and Society
- COMM-253: Public Speaking
- COMM-254: Advertising
- COMM-255: Public Relations
- COMM-275: Persuasive Methods
- COMM-310: Theories and Research Methods
- COMM-401: Internship in Communications
- COMM-498: Senior Seminar in Communications
- MKTG-205: Consumer Behavior
- 12 credits (four courses) chosen from the following, which may not be offered every semester:
  - COMM-112: Television Workshop (1 credit course may be taken up to three times)
  - COMM-102: Newspaper Workshop (1 credit course may be taken up to three times)
  - COMM-281: Special Topics in Communications / Topics vary by semester (*Repeatable for credit.*)
  - COMM-481: Advanced Special Topics in Communications / Topics vary by semester (*Repeatable for credit.*)
  - MKTG-203: Marketing Principles (*WOK: Behavioral*)
  - MKTG-206: International Marketing
  - MKTG-253: Retailing
Sample Bachelor of Arts: Communications Major/Corporate Communication Concentration/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-110</td>
<td>COMM-255</td>
<td>COMM elective</td>
<td>COMM-310</td>
</tr>
<tr>
<td>RLST-104</td>
<td>COMM elective</td>
<td>WOK or elective</td>
<td>COMM-401</td>
</tr>
<tr>
<td>Language 103</td>
<td>GLST-201</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Ethics</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>WOK or elective</td>
<td>Ethics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring – 15/16</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-210</td>
<td>COMM-251</td>
<td>COMM-325</td>
<td>COMM-498</td>
</tr>
<tr>
<td>COMM-275</td>
<td>COMM-253</td>
<td>Minor #2 or elective</td>
<td>COMM-254</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>MKTG-205</td>
<td>Minor #3 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>COMM elective</td>
<td>RLST-2XX</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>WOK or elective (WI)</td>
<td>WOK or elective</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Major in Communications/Journalism and Professional Writing Concentration – 45 credits

- COMM-141: Introduction to Journalism
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-251: Mass Media and Society (WOK: Behavioral)
- COMM-252: Writing for Electronic Media
- COMM-253: Public Speaking
- COMM-260: Public Relations Writing
- COMM-265: Writing and Editing for Magazines
- COMM-310: Theories and Research Methods
- COMM-401: Internship in Communications
- COMM-498: Senior Seminar in Communications
- Three courses (9 credits) chosen from Communications, English, or Computers and Information Technology including, but not limited to, the following, which may not be offered every semester:
  - COMM-112: Television Workshop (1 credit course may be taken up to three times)
  - COMM-102: Newspaper Workshop (1 credit course may be taken up to three times)
  - COMM-258: Scriptwriting (Writing Intensive)
  - COMM-275: Persuasive Methods
- COMM-254: Advertising
- COMM-325: Video Design and Production II
- COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
- COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
- CMTC-210: Computer Graphics with Photoshop
- CMTC-215: Desktop Publishing
- CMTC-320: Presentations in Multimedia
- ENGL-204: Writing Literary Non-Fiction

Also required:
- CMTC-200: Introduction to Web Development and Design

Sample Bachelor of Arts: Communications Major Journalism and Professional Writing Concentration/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-141</td>
<td>COMM-251</td>
<td>COMM-230</td>
<td>COMM-310</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>COMM Elective</td>
<td>COMM Elective</td>
<td>COMM-401</td>
</tr>
<tr>
<td>Language 103</td>
<td>GLST-201</td>
<td>WOK or elective (4 cr)</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Ethics</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td>Elective (1 cr)</td>
</tr>
</tbody>
</table>

Year One Spring – 15/16 | Year Two Spring – 15/16 | Year Three Spring – 15 | Year Four Spring – 15 |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-252</td>
<td>COMM-253</td>
<td>COMM-260</td>
<td>COMM-498</td>
</tr>
<tr>
<td>COMM-221</td>
<td>COMM-265</td>
<td>COMM Elective</td>
<td>COMM Elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>COMM-258</td>
<td>WOK or elective</td>
<td>CMTC-200</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>RLST-2XX</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (WI)</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation:** 120

**Minor in Communications** – 18 credits

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated.

**Requirements:**
- COMM-110: Introduction to Communication (WOK: Behavioral)
- COMM-251: Mass Media and Society (WOK: Behavioral)
- COMM-253: Public Speaking
- Three courses (9 credits) chosen from the following, which may not be offered every semester:
  - COMM-102: Newspaper Workshop (1 credit course may be taken up to three times)
  - COMM-112: Television Workshop (1 credit course may be taken up to three times)
  - COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit)
  - COMM-401: Internship in Communications (Recommended)
  - COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit)
Communications and Technology

As of July 1, 2010, Communications and Technology majors receive the Bachelor of Science (BS) degree. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major.

Major in Communications and Technology – 45 credits

Required in the Major:

- COMM-110: Introduction to Communications (WOK: Behavioral)
- COMM-251: Mass Media and Society
- COMM-253: Public Speaking
- COMM-310: Theories and Research Methods
- COMM-401: Internship in Communications
- COMM-498: Senior Seminar in Communications
- CMTC-200: Introduction to Web Development and Design
- CMTC-205: Computer Graphics Design I
- CMTC-215: Desktop Publishing
- CMTC-230: Information Systems for Organizations
- CMTC-320: Presentations in Multimedia
- CMTC-330: Introduction to Visual Basic Programming

Three courses (9 credits) chosen from the following, which may not be offered every semester:

- COMM-112: Television Workshop (1 credit course may be taken up to three times)
- COMM-102: Newspaper Workshop (1 credit course may be taken up to three times)
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-235: Video Design and Production I
- COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
- COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
- CMTC-201: Web Page Design: Programming in xHTML
- CMTC-210: Computer Graphics with Photoshop
- CMTC-305: Advanced Web Design
- CMTC-340: Information Management

Sample Bachelor of Science: Communication and Technology Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-110</td>
<td>COMM-251</td>
<td>CMSC-320</td>
<td>COMM-310</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>COMM-401</td>
</tr>
<tr>
<td>Language 103</td>
<td>RLST-2XX</td>
<td>Minor #1 or elective</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (WI)</td>
<td>COMM/CMSC elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Elective (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring – 13/14</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>------------------------</td>
<td>-------------------------</td>
<td>-----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>CMTC-200</td>
<td>CMTC-253</td>
<td>CMTC-330</td>
<td>COMM-498</td>
</tr>
<tr>
<td>CMTC-205</td>
<td>CMTC-215</td>
<td>COMM/CMSC elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>CMTC-230</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td>Elective (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**
Chestnut Hill College offers a Bachelor of Arts (BA) in French and a Bachelor of Arts (BA) in Spanish. Minors may be pursued in French, Spanish, Latin, Classical Civilizations, and in other languages with the approval of the Department. The Department also offers courses in courses in Chinese, Classical Civilizations (in English), German, Italian, Latin, Russian, and English for Speakers of Other Languages (ESOL). All courses except Classics are conducted in the target language and emphasize a communicative approach. Interested students should contact Mary Helen Kashuba, SSJ, Room 25B Fournier Hall. Telephone: 215/248-7154. Email: kashubam@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Honors and Honor Societies
The Foreign Language Department invites outstanding majors and minors to join The International Foreign Language Honor Society, Phi Sigma Iota. These majors or minors must have a minimum overall GPA of B, with a B+ average or higher in their language courses, and rank in the top 35% of their class.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Foreign Language Requirement
Students admitted in the Fall of 2010 are required to take one foreign language course at 103 or above according to their placement by the Department.

Proficiencies
Students completing a major in French or Spanish should demonstrate oral and written proficiency at the level of intermediate high or above, through the Oral Proficiency Interview according to the ACTFL Proficiency Guidelines. Language majors are also required to study a second language for at least two
semesters and should be able to demonstrate knowledge of that language at the intermediate level or above, according to the ACTFL Proficiency guidelines. Exceptions to the second language requirement may be made for students pursuing a double major.

Certifications
Teacher certification may be obtained in French, Latin, and Spanish. First language certification in French or Spanish requires a major or its equivalent in the language. Second language certification requires the candidate to pass the Praxis or Oral Proficiency Interview in the language. However, further study may be recommended, depending on the level of the candidate. Specifics for Latin are described below.

Students seeking certifications are expected to demonstrate oral (except Latin) and written proficiency in the language at the level of intermediate high or above, through the Oral Proficiency Interview according to the ACTFL Proficiency Guidelines. Students seeking certification are also required to take FLED-352: Special Methods in Foreign Language Teaching or GRED-552: Special Methods in Foreign Language Teaching.

Consortium Agreements/Study Abroad
The Department provides opportunities for internships and study abroad and strongly recommends an immersion experience (stateside or abroad) in the major language. Students who wish to study abroad must have a GPA of 3.00. Students who wish to study in Paris, France may enroll in the Cours de Civilisation Française de la Sorbonne. This program is designed especially for non-Francophone students with courses given in French. Similar programs exist in conjunction with the Universidad Internacional in Cuernavaca, Mexico, St. Louis University in Madrid, Spain, and the University of Salamanca in Spain. Students pursuing a business degree can attend the American Business School in Paris or CEFAM (Centre d’études franco-américain de management) in Lyon, France. These institutions offer business courses in English. Most financial aid is applicable to all study abroad.

Advanced Placement
The Department accepts advanced placement scores of 3, 4, or 5. A score of 3 in Language or Literature is equivalent to the 103 course in the respective language, worth three credits. The student must then either pass the Proficiency exam or take 104 to satisfy the language requirement. A score of 4 or 5 in Language is equivalent to any Language-221: Advanced Grammar and Composition. This satisfies the language requirement for non-majors. A score of 4 or 5 in Literature is equivalent to an introductory course in literature, assigned at the discretion of the Department. This also satisfies the language requirement for non-majors.

French
The major in French aims to provide students with knowledge and appreciation of the French language and French and Francophone culture and literature. Students learn to understand, speak, read and write the language and to acquire practical skills that will equip them for careers in business, government, communications, education and other areas in which language skills and cultural background are assets. Students learn to analyze through studying the structure of the language. They also develop an ability to interpret literature and thus bring a humanizing dimension to their own lives and to modern society.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major.
Major in French – 36 credits (twelve courses total)

Required in the Major:

- Five to six courses (12-18 credits) in French literature chosen from the following, which may not be offered every semester:
  - FREN-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - FREN-341: Le Dix-septième Siècle (WOK: Literary)
  - FREN-342: Le Siècle des Lumières (WOK: Literary)
  - FREN-353: Romantisme et Réalisme (WOK: Literary)
  - FREN-354: Le Vingtième Siècle (WOK: Literary)
  - FREN-355: Le classicisme éternel (WOK: Literary)
  - FREN-361: La Littérature Francophone (WOK: Literary)
  - FREN-481: Advanced Special Topics /Topics vary by semester (Repeatable for credit)

- Two to three courses (6 – 9 credits) in French civilization chosen from the following, which may not be offered every semester:
  - FREN-231: Introduction à la Culture Française I
  - FREN-232: Introduction à la Culture Française II
  - FREN-233: Expériences dans la Civilisation Française
  - FREN-234: Contemporary Culture of the French Regions

- Two to three courses (6 – 9 credits) in French language chosen from the following, which may not be offered every semester:
  - FREN-221: Grammaire et composition avancée (Writing Intensive)
  - FREN-222: French for Oral Proficiency
  - FREN-228: Le Français Commercial

- FREN-498: Senior Seminar in French

Also required:

- Two courses (6 credits) with intermediate proficiency in one of the following languages*:
  - Chinese
  - Russian
  - German
  - Spanish
  - Italian

Recommended, but not required:

- FREN-401: Internship in French

* Students with no prior knowledge of a second language will be required to take two additional preparatory courses (101 and 102) that count as elective credits (3 credits each).

Sample Bachelor of Arts: French Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 15</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN-103 or 231</td>
<td>FREN-221 or 231 (WI)</td>
<td>FREN-221 or Literature</td>
<td>FREN Literature or Civilization</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>Additional Language</td>
<td>FREN Civilization</td>
<td>FREN Literature</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>FREN Language</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Additional Language or elective</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 16/17</td>
<td>Year Two Spring – 14/15</td>
<td>Year Three Spring – 15</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------</td>
<td>------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>FREN-104 or 232</td>
<td>FREN-222 or 232</td>
<td>FREN-222 or Literature</td>
<td>FREN-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Additional Language</td>
<td>FREN Literature</td>
<td>FREN Literature</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>WOK or elective</td>
<td>FREN Civilization or Literature</td>
<td>FREN Language</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Public Speaking (1 cr)</td>
<td>Additional Language or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective (4 cr)</td>
<td>Elective (1 cr)</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**

**Spanish**

The Spanish major offers opportunities to develop an appreciation and understanding of the literature and culture of Spain and Latin America, as well as to develop fluency in oral and written Spanish. Students learn to understand, speak, read and write the language and to acquire practical skills that will equip them for careers in business, government, communications, education and other areas in which language skills and cultural background are assets. Students learn to analyze through studying the structure of the language. They also develop an ability to interpret literature and thus bring a humanizing dimension to their own lives and to modern society.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses **Required in the Major** comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both **Required in the Major** and **Also Required** in order to successfully complete the requirements for the Major.

**Major in Spanish – 36 credits (twelve courses total)**

**Required in the Major:**

- Five to six courses (15 - 18 credits) in Spanish literature chosen from the following, which may not be offered every semester:
  - SPAN-261: Masterpieces of Hispanic Literature I (*WOK: Literary and Writing Intensive*)
  - SPAN-262: Masterpieces of Hispanic Literature II (*WOK: Literary and Writing Intensive*)
  - SPAN-263: Masterpieces of Hispanic Literature III (*WOK: Literary*)
  - SPAN-281: Special Topics/Topics vary by semester (*Repeatable for credit.*)
  - SPAN-340: Colonial Latin American Literature (*WOK: Literary*)
  - SPAN-341: The Spanish Golden Age (*WOK: Literary*)
  - SPAN-353: Nineteenth Century Spanish Literature (*WOK: Literary*)
  - SPAN-354: Contemporary Spanish Literature (*WOK: Literary*)
  - SPAN-355: Contemporary Latin American Literature (*WOK: Literary*)
  - SPAN-361: Literary Works and the Movies They Inspired (*WOK: Literary*)
  - SPAN-362: Hispanic Women Writers (*WOK: Literary*)
  - SPAN-365: Literature of the Caribbean (*WOK: Literary*)
  - SPAN-370: Literature in Translation (*WOK: Literary*)
  - SPAN-481: Advanced Special Topics in Spanish/Topics vary by semester (*Repeatable for credit*)

- Two to three courses (6 – 9 credits ) in Spanish civilization chosen from the following, which may not be offered every semester:
  - SPAN-231: Introduction to Hispanic Culture/Spain (*WOK: Literary*)
  - SPAN-232: Introduction to Hispanic Culture/Latin America (*WOK: Literary*)
- SPAN-281: Special Topics/Topics vary by semester *(Repeatable for credit.)*
- SPAN-481: Advanced Special Topics in Spanish/Topics vary by semester *(Repeatable for credit)*

- Two to three courses (6 – 9 credits) in Spanish language chosen from the following, which may not be offered every semester:
  - SPAN-220: Spanish for Heritage Speakers
  - SPAN-221: Advanced Grammar and Composition *(Writing Intensive)*
  - SPAN-222: Advanced Conversation
  - SPAN-228: Commercial Spanish
- SPAN-498: Senior Seminar in Hispanic Literature

*Also required:*
- Two courses (6 credits) with intermediate proficiency in one of the following languages:*
  - Chinese
  - German
  - Italian
  - Russian
  - Spanish

*Recommended, but not required:*
- SPAN-401: Internship in Spanish

* Students with no prior knowledge of a second language will be required to take two additional preparatory courses (101 and 102) that count as elective credits (3 credits each).

**Sample Bachelor of Arts: Spanish Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/17</th>
<th>Year Three Fall – 15</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN-103, 231, 220 or 221</td>
<td>SPAN-221 (WI)</td>
<td>SPAN-3XX or 261/262</td>
<td>SPAN Literature</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>Additional Language</td>
<td>SPAN Literature</td>
<td>SPAN Literature</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>SPAN Literature or Civilization</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Additional Language or elective</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>Elective (1 cr)</td>
<td>FYIN-101*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 16/17</th>
<th>Year Two Spring – 13/14</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN-104, 261, 222 or 223</td>
<td>SPAN-222 or 232</td>
<td>SPAN-Literature or 222</td>
<td>SPAN-498</td>
</tr>
<tr>
<td>ILAU-101</td>
<td>Additional Language</td>
<td>SPAN Literature</td>
<td>SPAN Literature</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>WOK or elective</td>
<td>SPAN Literature</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>SPAN Literature, Civilization, or Language</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective (4 cr)</td>
<td>Public Speaking (1 cr)</td>
<td>Additional Language</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>Minor #2 or elective</td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**

**Minor in French and/or Spanish – 18 credits**

Students may choose a minor in French, or Spanish, or another language with the permission of the Department. Students wishing to minor in a language must consult with the Chair of the Department or a designated faculty advisor. All courses for the minor must be in the same language. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.
Students may request a combined foreign language minor only if they have 18 credits beyond 103-104 (intermediate level) in two languages.

Accepted for the minor, if student is placed at this level:

- Two courses (6 credits) of intermediate-level language:
  - FREN-103: Intermediate French I
  - FREN-104: Intermediate French II  
  - OR
  - SPAN-103: Intermediate Spanish I
  - SPAN-104: Intermediate Spanish II

Requirements:

- One course (3 credits) in advanced conversation chosen from the following, which may not be offered every semester (Native speakers may replace one of these courses with a 200- or 300-level course at the recommendation of the department.):
  - FREN-222: French for Oral Proficiency  
  - OR
  - SPAN-222: Advanced Conversation

- One course (3 credits) in advanced grammar chosen from the following, which may not be offered every semester:
  - FREN-221: Grammaire et composition avancée (Writing Intensive)  
  - OR
  - SPAN-221: Advanced Grammar and Composition

- Two to four courses (6 to 12 credits) chosen from the following, which may not be offered every semester:
  - FREN-228: Le Français Commercial
  - FREN-231: Introduction à la Culture Française I
  - FREN-232: Introduction à la Culture Française II
  - FREN-233: Expériences dans la Civilisation Française
  - FREN-234: Contemporary Culture of the French Regions
  - FREN-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - FREN-341: Le Dix-septième Siècle (WOK: Literary)
  - FREN-342: Le Siècle des Lumières (WOK: Literary)
  - FREN-353: Romantisme et Réalisme (WOK: Literary)
  - FREN-354: Le Vingtième Siècle (WOK: Literary)
  - FREN-355: Le classicisme éternel (WOK: Literary)
  - FREN-361: La Littérature Francophone (WOK: Literary)
  - FREN-481: Advanced Special Topics in French/Topics vary by semester (Repeatable for credit)  
  - OR
  - SPAN-228: Commercial Spanish
  - SPAN-231: Introduction to Hispanic Culture/Spain
  - SPAN-232: Introduction to Hispanic Culture/Latin America
  - SPAN-261: Masterpieces of Hispanic Literature I (WOK: Literary and Writing Intensive)
  - SPAN-262: Masterpieces of Hispanic Literature II (WOK: Literary and Writing Intensive)
  - SPAN-263: Masterpieces of Hispanic Literature III (WOK: Literary)
  - SPAN-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - SPAN-340: Colonial Latin American Literature (WOK: Literary)
- SPAN-341: The Spanish Golden Age (WOK: Literary)
- SPAN-353: Nineteenth Century Spanish Literature (WOK: Literary)
- SPAN-354: Contemporary Spanish Literature (WOK: Literary)
- SPAN-355: Contemporary Latin American Literature (WOK: Literary)
- SPAN-361: Literary Works and the Movies They Inspired (WOK: Literary)
- SPAN-362: Hispanic Women Writers (WOK: Literary)
- SPAN-365: Literature of the Caribbean (WOK: Literary)
- SPAN-370: Literature in Translation (WOK: Literary)
- SPAN-481: Advanced Special Topics in Spanish/Topics vary by semester (Repeatable for credit)

Latin and Classical Civilizations

Students may choose to focus on a minor in Latin or in Classical Civilizations. Please note that this Certification may require course work at other institutions. Interested students should contact Mary Helen Kashuba, SSJ, Room 25B Fournier Hall. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors. Telephone: 215/248-7154. Email: kashubam@chc.edu. Requirements:

Minor in Latin – 18 credits
- Four courses (12 credits) in Latin chosen from the following, which may not be offered every semester and may require coursework be completed at another institution:
  - LATN-101: Elementary Latin I
  - LATN-102: Elementary Latin II
  - LATN-103: Intermediate Latin I
  - LATN-104: Intermediate Latin II
  - LATN-240: The Gift of Virgil (WOK: Literary)
  - LATN-241: Early Christian and Medieval Latin (WOK: Literary)
  - LATN-261: Survey of Latin Poetry (WOK: Literary)
  - LATN-262: Survey of Latin Poetry and Prose (WOK: Literary)
  - LATN-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - LATN-321: Stylistics and Prose Literature (WOK: Literary)
  - LATN-481: Advanced Special Topics in Latin/Topics vary by semester (Repeatable for credit.)
- Two courses (6 credits) in Classical Civilizations chosen from the following, which may not be offered every semester:
  - CLCV-151: Enter the Hero and the Heroine (WOK: Literary)
  - CLCV-153: Mythology as Living Tradition (WOK: Literary)
  - CLCV-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - CLCV-481: Advanced Special Topics/Topics vary by semester (Repeatable for credit.)

Minor Classical Civilizations – 18 credits
- Four courses (12 credits) in Classical Civilizations or Ancient History chosen from the following, which may not be offered every semester:
  - CLCV-151: Enter the Hero and the Heroine (WOK: Literary)
  - CLCV-153: Mythology as Living Tradition (WOK: Literary)
  - CLCV-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - CLCV-481: Advanced Special Topics/Topics vary by semester (Repeatable for credit.)
Teacher Certification in Latin – 24 credits
The candidate for certification must demonstrate proficiency in written Latin. If required, LATN-101: Elementary Latin I is not applicable towards the Certification. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Certificate. Please note that this Certification may require coursework at other institutions. Requirements:

- Six courses (18 credits) in Latin chosen from the following, which may not be offered every semester and may require coursework be completed at another institution:
  - LATN-102: Elementary Latin II
  - LATN-103: Intermediate Latin I
  - LATN-104: Intermediate Latin II
  - LATN-240: The Gift of Virgil (WOK: Literary)
  - LATN-241: Early Christian and Medieval Latin (WOK: Literary)
  - LATN-261: Survey of Latin Poetry (WOK: Literary)
  - LATN-262: Survey of Latin Poetry and Prose (WOK: Literary)
  - LATN-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - LATN-321: Stylistics and Prose Literature (WOK: Literary)
  - LATN-481: Advanced Special Topics in Latin/Topics vary by semester (Repeatable for credit.)

- Two courses (6 credits) in Classical Civilizations chosen from the following, which may not be offered every semester:
  - CLCV-151: Enter the Hero and the Heroine
  - CLCV-153: Mythology as Living Tradition
  - CLCV-281: Special Topics/Topics vary by semester (Repeatable for credit.)
  - CLCV-481: Advanced Special Topics/Topics vary by semester (Repeatable for credit.)

International Studies
Certificate in International Studies – 24 credits
The International Studies Certificate program enables students, in any major, to become more aware of the growing interdependence of nations. Courses with a multi-cultural dimension and an international focus, as well as the study of languages, broaden horizons and prepare participants to be agents in solving problems in a positive and peaceful way. An internship with an international dimension provides realistic experience and
enhances career opportunities in the United States and abroad. Although the course plan and focus should be finalized by the first semester of Junior year, it is recommended that students begin their program in their first year. Interested students should contact Mary Helen Kashuba, SSJ, Room 25B Fournier Hall. Telephone: 215/248-7154. Email: kashubam@chc.edu. The choice of courses should be interdisciplinary in nature and may be used to fulfill Major and Ways of Knowing requirements. Requirements:

- GLST-201: Global Studies Seminar/Any Topic
- Four courses focusing on a specific topic chosen in consultation with an international studies advisor. Examples of topics: Ecology and Environment in an International context; Multinational Corporations and International Business; Children and the Family in an International context; Multiculturalism in the Arts, etc. An advisor will assist with this aspect of course planning.
- Foreign Language Competency: Two courses in a Foreign Language at the Intermediate level or above. The student must reach a minimum of intermediate (mid) on the ACTFL oral proficiency scale. The ACTFL oral proficiency interview or an equivalent will assess the student’s level.
- IBLC-401: Internship in IBLC/an internship with an international dimension, related if possible to the focus and the language. Internships abroad are encouraged.
History
Chestnut Hill College offers a Bachelor of Arts (BA) in History as well as a minor in History and, for students seeking secondary education certification, Citizenship Certification or Social Studies Certification. Also offered is the interdisciplinary minor in Women’s Studies. Interested students should contact Lorraine Coons, Room 377 Fournier Hall. Telephone: 215/248-7184. Email: lcoons@chc.edu. A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for a Minor or Certificate.

Departmental Mission
The objective of the program is to give the history major or minor a deep awareness of the importance of the historical perspective through courses ranging from ancient times until the present. The student has the opportunity to learn about the self and to analyze historical consciousness. History students are prepared for a wide variety of careers: law, paralegal work, public service, diplomatic service, communications, secondary school teaching, college/university teaching, museums, archives and historical societies, and graduate school.

Honor Societies and Honors
Phi Alpha Theta, the national honor society in history, requires a Career GPA of 3.00 and a 3.10 average in History. Eligible candidates must also rank in the top 35% of their class. Both majors and minors are eligible for nominations into the society upon completion of 12 semester hours of coursework in History.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Advanced Placement
Advanced Placement credit is given to those majors who have attained a test score of 3 or better on the Advanced Placement History test. It may be counted as a general elective but not as one of the courses.
required for graduation. Non-majors who have earned a score of 3 on the Advanced Placement history test may transfer those 3 credits in as a general elective course for graduation, but it will not fulfill the Historical Way of Knowing requirement.

Course Options
A variety of History courses are open to students in any major wishing to fulfill a Historical Way of Knowing; a Writing Intensive requirement; or wanting to pursue interests without committing to a minor. The courses available to students in any major include the following, which may not be offered every semester. Check the Course Descriptions for any Pre-Requisites:

- HIST-102: West Civilization: Protestant Reformation – Present (WOK: Historical)
- HIST-104: Topics in Global History (WOK: Historical)
- HIST-106: Survey of Women’s History (WOK: Historical)
- HIST-110: History of East Asia (WOK: Historical)
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction – Present (WOK: Historical)
- HIST-200: Ancient Near-Eastern and Mediterranean World (WOK: Historical)
- HIST-201: Ancient Greece (WOK: Historical)
- HIST-202: Ancient Rome (WOK: Historical)
- HIST-204: Medieval Europe and the Surrounding World (WOK: Historical OR Artistic)
- HIST-205: Renaissance/Reformation: 1450-1648 (WOK: Historical)
- HIST-210: Europe in the 20th Century (WOK: Historical)
- HIST-212: Culture and Society in Modern Europe (WOK: Historical)
- HIST-214: 20th Century Germany (WOK: Historical)
- HIST-218: French Revolution (WOK: Historical; Writing Intensive)
- HIST-219: France and the Modern World (WOK: Historical; Writing Intensive)
- HIST-220: Rise and Fall of the Soviet Union (WOK: Historical)
- HIST-224: History of Great Britain/Tudors – Present (WOK: Historical)
- HIST-226: Europe in the Age of World War (WOK: Historical)
- HIST-228: Women in Modern European Society (WOK: Historical)
- HIST-231: History of American Foreign Relations (WOK: Historical)
- HIST-233: America and the Two World Wars (WOK: Historical OR Behavioral)
- HIST-236: Progressive America/1900-1940 (WOK: Historical)
- HIST-245: The 1960s and its Legacies (WOK: Historical)
- HIST-246: History of Vietnam (WOK: Historical)
- HIST-247: African Americans During the Age of Slavery (WOK: Historical)
- HIST-248: African Americans Since Emancipation (WOK: Historical)
- HIST-250: The Pennsylvania Experience (WOK: Historical)
- HIST-270: History of Chestnut Hill (WOK: Historical)
- HIST-275: Film and History (WOK: Historical OR Artistic)
- HIST-281: Special Topics in History/Topics vary by semester (Repeatable for credit) (WOK: Historical)
- HIST-322: Genocide in the Modern World (WOK: Historical; Writing Intensive)
- HIST-330: Revolution/War/Peace: Women’s Activism in the Modern World (WOK: Historical or Behavioral; Writing Intensive)
- HIST-332: Cities and Suburbs (WOK: Historical)
- HIST-334: The American Presidency (WOK: Historical)
- HIST-343: The Civil War and American Life (WOK: Historical)

**Major in History** – 39 credits

*Required in the Major:*
- HIST-102: West Civilization: Protestant Reformation – Present
- HIST-397: Junior Research Methods Seminar
- HIST-497: History and Historiography
- HIST-498: Senior Seminar in History
- Two courses (6 credits) in American History chosen from the following, which may not be offered every semester:
  - HIST-141: American Survey: Colonial - Civil War
  - HIST-142: American Survey: Reconstruction – Present
  - HIST-231: History of American Foreign Relations
  - HIST-233: America and the Two World Wars
  - HIST-236: Progressive America/1900-1940
  - HIST-245: The 1960s and its Legacies
  - HIST-247: African Americans During the Age of Slavery
  - HIST-248: African Americans Since Emancipation
  - HIST-250: The Pennsylvania Experience
  - HIST-270: History of Chestnut Hill
  - HIST-281: Special Topics in History/Topics vary by semester (Repeatable for credit)
- Two courses (6 credits) in European History chosen from the following, which may not be offered every semester:
  - HIST-201: Ancient Greece
  - HIST-202: Ancient Rome
  - HIST-204: Medieval Europe and the Surrounding World
  - HIST-205: Renaissance/Reformation: 1450-1648
  - HIST-210: Europe in the 20th Century
  - HIST-212: Culture and Society in Modern Europe
  - HIST-214: 20th Century Germany
  - HIST-218: French Revolution (Writing Intensive)
  - HIST-219: France and the Modern World (Writing Intensive)
  - HIST-220: Rise and Fall of the Soviet Union
  - HIST-224: History of Great Britain/Tudors – Present
  - HIST-226: Europe in the Age of World War
  - HIST-228: Women in Modern European Society
  - HIST-281: Special Topics in History/Topics vary by semester (Repeatable for credit)
- One course (3 credits) in World History chosen from the following, which may not be offered every semester:
- HIST-104: Topics in Global History
- HIST-106: Survey of Women’s History
- HIST-110: History of East Asia
- HIST-200: Ancient Near-Eastern and Mediterranean World
- HIST-246: History of Vietnam
- HIST-275: Film and History
- HIST-281: Special Topics in History/Topics vary by semester *(Repeatable for credit)*
- HIST-322: Genocide in the Modern World *(Writing Intensive)*
- HIST-330: Revolution/War/Peace: Women’s Activism in the Modern World *(Writing Intensive)*

Three courses (9 credits) in any History area chosen in consultation with an academic advisor.

Sample Bachelor of Arts: History Major/selected minor *(declaration of minor not required for graduation):*

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16*</th>
<th>Year Two Fall – 15/16*</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST-101</td>
<td>European History #1</td>
<td>HIST-397</td>
<td>HIST-497</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>WOK or elective</td>
<td>European History #2</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>GLST-201</td>
<td>HIST elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>HIST elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16*</th>
<th>Year Two Spring – 15/16*</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST-102</td>
<td>American History #2</td>
<td>Ethics</td>
<td>HIST-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>HIST Elective</td>
<td>World History #1</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>RLST-2XX</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>American History #1</td>
<td>Minor #1 or elective</td>
<td>HIST elective (WI)</td>
<td></td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 121**

**Minor in History** - 18 credits

A minor in history is developed in consultation with a member of the history faculty. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for a Minor.

**Requirements:**

- HIST-101: West Civilization: Antiquity-Renaissance *(WOK: Historical)*
- HIST-102: West Civilization: Protestant Reformation – Present *(WOK: Historical)*
- Four courses (12 credits) in HIST-History chosen from the listing above of courses available to any student with the addition of HIST-403: Fieldwork in History.

**Minor in Women’s Studies** – 18 credits

Chestnut Hill College offers a number of courses that focus on women in a variety of disciplines including Art History, English, Foreign Language, History, Music, Psychology, Religious Studies and Sociology. Students interested in this interdisciplinary study can pursue a minor in Women’s Studies. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for a Minor. Contact Lorraine Coons, Room 377 Fournier Hall. Telephone: 215/248-7184. Email:
Secondary Education Certification Minor
The undergraduate program in Secondary Education integrates educational theory and practice with field experiences that include practicum and student teaching, and includes opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the secondary level of education. Students in the Minor are expected to complete all courses for Secondary Certification including student teaching.

Students may complete student teaching after graduation but the minor will not be included on the transcript until successful completion of student teaching. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for either Minor/Certification.

Certification in Citizenship – Credits required will be announced Spring 2011
History majors seeking Secondary Education Certification in Citizenship must complete the required education courses outlined in the Education section, and the following content courses. Please contact Lorraine Coons, Room 377 Fournier Hall for information. Telephone: 215/248-7184. Email: lcoons@chc.edu.

- ECON-101: Principles of Macroeconomics
- ECON-102: Principles of Microeconomics
- GEOG-201: World Geography: Humanity and the Environment
- HIST-101: Western Civilization: Antiquity-Renaissance
- Choice of:
  - HIST-102: Western Civilization: Protestant Reformation – Present
  - OR
  - HIST-104: Topics in Global History
- HIST-141: American Survey: Colonial - Civil War
- HIST-142: American Survey: Reconstruction – Present
- HIST-250: The Pennsylvania Experience
- Two courses (6 credits) chosen from the following, which may not be offered every semester:
  - PSCI-101: Introduction to Political Science
  - PSCI-112: American State and Local Government
  - PSCI-113: American Political Process
  - PSCI-140: Introduction to World Politics
Certification in Social Studies - Credits required will be announced Spring 2011. History Majors who wish to obtain Pennsylvania Department of Education Certification in Social Studies must apply for and be accepted to the Minor in Secondary Education program before beginning the Junior year. The Minor is designed to be combined with a Major in the selected content area. Students graduate with Instructional I Certification and are prepared to begin a teaching career in grades 7-12.

For assistance, please contact Lorraine Coons, Room 377 Fournier Hall. Telephone: 215/248-7184. Email: lcoons@chc.edu.

History Majors seeking Secondary Education certification in Social Studies must complete the required Education courses, which will be announced Spring 2011, as well as the following:

- ECON-101: Principles of Macroeconomics
- ECON-102: Principles of Microeconomics
- GEOG-201: Introduction to Geography
- HIST-101: West Civilization: Antiquity-Renaissance
- Choice of:
  - HIST-102: West Civilization: Protestant Reformation – Present
  - HIST-104: Topics in Global History
- HIST-141: American Survey: Colonial - Civil War
- HIST-142: American Survey: Reconstruction – Present
- HIST-250: The Pennsylvania Experience
- Two courses (6 credits) in Political Science selected from the following, which may not be offered every semester:
  - PSCI-101: Introduction to Political Science
  - PSCI-112: American State and Local Government
  - PSCI-113: American Political Process
  - PSCI-140: Introduction to World Politics
  - PSCI-214: Constitutional Law: Civil Liberties
  - PSCI-230: Introduction to Comparative Politics
- Two courses (6 credits) in Psychology including but not limited to the following, which may not be offered every semester:
  - PSYC-101: General Psychology
  - PSYC-103: Child Development
  - PSYC-104: Adolescent Development
  - PSYC-206: Theories of Personality
- Two courses (6 credits) in Sociology including but not limited to the following, which may not be offered every semester:
  - SOCI-101: Introduction to Sociology
  - SOCI-103: Social Problems
  - SOCI-104: Major Global Problems
  - SOCI-127: Ethnicity
**Sample Bachelor of Arts: History Major/Certification in Citizenship or Social Studies:**

Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16*</th>
<th>Year Two Fall</th>
<th>Year Three Fall</th>
<th>Year Four Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST-101</td>
<td></td>
<td>Will be announced Spring 2011.</td>
<td></td>
</tr>
<tr>
<td>ENGL-101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RLST-104</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language-103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC-101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16*</th>
<th>Year Two Spring</th>
<th>Year Three Spring</th>
<th>Year Four Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST-102 or HIST-104</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ILAR-101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCI-101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WOK or elective</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American History #1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHED #1*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation:** will be announced Spring 2011.
Political Science

Chestnut Hill College offers a Bachelor of Arts (BA) in Political Science as well as a minor in Political Science. Interested students should contact Jacqueline Reich, Room 375 Fournier Hall. Telephone: 215/753-3630. Email: reichj@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Advanced Placement

Advanced Placement credit for PSCI-113: American Political Process is given to a student who has received a score of 4 or better on the American Government test. Advanced Placement credit for PSCI-230: Introduction to Comparative Politics is given to a student who has received a score of 4 or better on the Comparative Government test.

Honors

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Associations

Any student, irrespective of major, who is interested in politics, national affairs and global controversies, is invited to join the Students’ Political Science Association (SPSA). This very active campus organization sponsors movies, fieldtrips to places like the Daily Show in New York City and the Constitution Center here in Philadelphia, speakers in current events such as nuclear proliferation and women’s development in Afghanistan, and the campus mock Presidential election.

Course Options

A variety of Political Science courses are open to students in any major wishing to fulfill a Behavioral Way of Knowing or pursue interests without committing to a minor. Please check the course descriptions for any Pre-Requisites:

- PSCI-101: Introduction to Political Science (WOK: Behavioral)
- PSCI-112: State and Local Government (WOK: Behavioral)
- PSCI-113: American Political Process (WOK: Behavioral)
- PSCI-114: American Political Parties (WOK: Behavioral)
- PSCI-117: Business Law (WOK: Behavioral)
- PSCI-118: Mass Media and Politics (WOK: Behavioral)
- PSCI-130: The Rule of Law (WOK: Behavioral)
- PSCI-140: Introduction to World Politics (WOK: Behavioral)
- PSCI-214: Constitutional Law: Civil Liberties (WOK: Behavioral)
- PSCI-230: Introduction to Comparative Politics/Governmental Systems (WOK: Behavioral)
- PSCI-231: Introduction to Comparative Politics/Cross-National Themes (WOK: Behavioral)
- PSCI-232: Comparative Democracy (WOK: Behavioral)
- PSCI-241: American Foreign Policy (WOK: Behavioral)
- PSCI-242: International Organization (WOK: Behavioral)
- PSCI-281: Special Topics in Political Science/Topics vary by semester (Repeatable for credit)
- PSCI-330: Government and Politics of the Middle East (Writing Intensive)

**Major in Political Science** – 36 credits

*Required in the Major:*

- PSCI-101: Introduction to Political Science (WOK: Behavioral)
- At least one course in each of the following areas (12 credits total), which may not be offered every semester:
  - **American Politics** (one course, 3 credits):
    - PSCI-112: State and Local Government
    - PSCI-113: American Political Process
    - PSCI-114: American Political Parties
    - PSCI-117: Business Law
    - PSCI-118: Mass Media and Politics
    - PSCI-214: Constitutional Law: Civil Liberties
  - **Political Theory** (one course, 3 credits):
    - PSCI-321: Political Theories: Ancient and Medieval
    - PSCI-322: Political Theories: 17th To 20th Century
  - **Comparative Politics** (one course, 3 credits):
    - PSCI-130: The Rule of Law
    - PSCI-230: Introduction to Comparative Politics/Governmental Systems
    - PSCI-231: Introduction to Comparative Politics/Cross-National Themes
    - PSCI-232: Comparative Democracy
    - PSCI-330: Government and Politics of the Middle East (Writing Intensive)
  - **International Relations** (one course, 3 credits):
    - PSCI-140: Introduction to World Politics
    - PSCI-241: American Foreign Policy
    - PSCI-242: International Organization
    - PSCI-340: Theories of International Relations
    - PSCI-341: International Political Economy
- Six additional courses (18 credits) in Political Science courses at the election of the student, chosen from the areas above, once the minimum requirement of one course (3 credits) has been met, or from the following, which may not be offered every semester:
  - PSCI-281: Special Topics in Political Science/Topics vary by semester (Repeatable for credit)
  - PSCI-481: Advanced Special Topics in Political Science/Topics vary by semester (Repeatable for credit)
- PSCI-498: Senior Seminar in Political Science


**Sample Bachelor of Arts: Political Science Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall — 15/16*</th>
<th>Year Two Fall — 15/16*</th>
<th>Year Three Fall — 15</th>
<th>Year Four Fall — 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI-101</td>
<td>PSCI-Comp Politics</td>
<td>PSCI-Intern’t Rel</td>
<td>PSCI elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>PSCI elective (WI)</td>
<td>PSCI elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>Language-103</td>
<td>Minor #3 or elective</td>
<td>Public Speaking (1 cr)</td>
</tr>
<tr>
<td>RLS-104</td>
<td>RLS-2XX</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring — 15/16*</th>
<th>Year Two Spring — 15/16*</th>
<th>Year Three Spring — 15</th>
<th>Year Four Spring — 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI-Am Politics</td>
<td>PSCI-Pol Theory</td>
<td>PSCI elective</td>
<td>PSCI-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>PSCI elective</td>
<td>PSCI elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #5 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 121**

**Minor in Political Science - 18 credits**

- One course (3 credits) chosen from the following, which may not be offered every semester:
  - PSCI-214: Constitutional Law: Civil Liberties
  - PSCI-230: Introduction to Comparative Politics
  - PSCI-231: Introduction to Comparative Politics/Cross-National Themes
  - PSCI-232: Comparative Democracy
  - PSCI-240: Theories of International Relations
  - PSCI-241: American Foreign Policy
  - PSCI-242: International Organization
  - PSCI-321: Political Theories: Ancient and Medieval
  - PSCI-322: Political Theories: 17th To 20th Century
  - PSCI-330: Government and Politics of the Middle East (*Writing Intensive*)
  - PSCI-341: International Political Economy
- One additional course (9 credits total) from each of the following areas, which may not be offered every semester:
  - American Politics:
    - PSCI-112: State and Local Government
    - PSCI-113: American Political Process
    - PSCI-114: American Political Parties
    - PSCI-117: Business Law
    - PSCI-118: Mass Media and Politics
    - PSCI-214: Constitutional Law: Civil Liberties
  - Comparative Politics:
    - PSCI-130: The Rule of Law
    - PSCI-230: Introduction to Comparative Politics
- PSCI-231: Introduction to Comparative Politics/Cross-National Themes
- PSCI-232: Comparative Democracy
- PSCI-330: Government and Politics of the Middle East (*Writing Intensive*)
  - International Relations:
    - PSCI-140: Introduction to World Politics
    - PSCI-241: American Foreign Policy
    - PSCI-242: International Organization
    - PSCI-340: Theories of International Relations
    - PSCI-341: International Political Economy
  - Two additional courses (6 credits) in Political Science chosen with an academic advisor.
NATURAL SCIENCES
Joseph Kulkosky, PhD, Associate Professor of Biology, Chair
Kelly Butler, PhD, Associate Professor of Chemistry, Vice-Chair

BIOLOGY, MOLECULAR BIOLOGY and ENVIRONMENTAL SCIENCES
Joseph Kulkosky, PhD, Associate Professor of Biology, Chair
Lakshmi Atchison, PhD, Professor of Biology
Lisa Domico, PhD, Assistant Professor of Biology
Barbara Giuliano, EdD, Adjunct Faculty, Biology
Robert Meyer, PhD, Professor of Biology
Lisa McKernan, PhD, Assistant Professor of Biology
Florence Edward Sullivan SSJ, MTS, Assistant Professor of Biology

Chestnut Hill College offers a Bachelor of Science (BS) in Biology; a Bachelor of Science (BS) in Molecular Biology; and a Bachelor of Science (BS) in Environmental Sciences. In addition to the three majors, the Biology Department offers minors in Biology, Molecular Biology, and Environmental Sciences. Interested students should contact Joseph Kulkosky, Room 522 St. Joseph Hall. Telephone: 215/248-7157. Email: kulkoskyj@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Departmental Mission
The Biology Department supports the liberal arts tradition of Chestnut Hill College by providing fundamental knowledge in all areas of biology. The Biology major provides students with a sound and comprehensive understanding of information and issues in several sub-disciplines of the biological and biomedical sciences as well as a strong foundation in chemistry, mathematics, and physics. The curriculum develops communication skills, problem solving abilities, analytical reasoning, and critical thinking. The goal is to meet the specific needs of individual students and to prepare them to be competitive when moving on to post-graduate education, other professional specialization, or careers in the life sciences.

All students receive a core of courses that provides a common broad base of sound scientific knowledge to provide students with a well-rounded, solid education. Elective courses then complete the curriculum to further develop the student’s expertise in a sub-discipline of biology. Students exposed to such a multidisciplinary program should be better prepared to think in more global terms in their approach to the diversity of problems in the life sciences.

The curriculum leading to a major in Biology is designed to help the student understand the unifying concepts of the nature of life and to develop the laboratory skills needed for the study of organisms and the pursuit of sound scientific methodology. The major in Molecular Biology places a strong emphasis on the study of life processes at the molecular and biochemical level. The major in Environmental Sciences
provides an in-depth foundation in environmental concepts as well as an appreciation of the interdisciplinary nature of the field.

**Seminar Series**

The Biology Department sponsors two annual seminar series:

- The Biomedical Seminar Series, initiated in 1994, sponsors prominent speakers in the biomedical field and in basic research.
- The Environmental Sciences Seminar Series, started in 2000, provides opportunity to learn about the unique activities in environmental research, issues and policies.

These seminars provide a forum for learning about recent advances in basic research, biomedicine and environmental science and expose students and faculty to prominent scientific and medical professionals. The meetings foster collaboration, interaction and career contacts for students pursuing careers in basic research, health, medicine, as well as environmental issues and policy.

**Post-Graduate Study**

Most medical schools require the MCAT exam. Non-science majors are advised to consider taking another year of Biology to be well prepared for the MCAT. Most veterinary schools require the GRE general exam, as well as one semester each of Biochemistry and Microbiology. Most graduate schools in Biological/Biomedical areas require the GRE general exam. Some require the writing test and/or one of two subject tests (Biochemistry, Cell and Molecular Biology, or Biology). Graduate programs of all three types can vary in their requirements. Students should consult the catalogs of the schools of their choice early in their undergraduate years in order to plan an appropriate course of study.

For students interested in post-graduate study please note that most graduate programs of the types listed require:

- Two semesters of Biology
- Two semesters of General Chemistry
- Two semesters of Organic Chemistry
- Two semesters of Physics
- Two semesters of English Composition

**Awards, Honors and Scholarships**

The Biology Department offers students 50% reimbursement for expenses relating to courses taken in advance of, and in preparation for, standardized professional school entry exams if the student has a GPA of 3.4 at the time of course enrollment. These preparatory courses methodically prepare students for the Medical College Admissions Test (MCAT), the Graduate Record Exam (GRE) and the Dental School Admissions Test (DAT) but the award is not necessarily limited to these specific testing areas.

The endowed Amelia Kulkosky Scholarship Award in the Biological Sciences at Chestnut Hill College funds an exceptional student who has dual interests in the biological sciences and music. The award is granted to an incoming First-year in the Department of Biology major’s program. Only candidates declaring a major in Biology, Molecular Biology or Environmental Sciences are eligible to apply. The candidate is to have a SAT score of 1150 for better (1600 scale) or 1725 or better (2400 scale). The candidate is expected to pursue either a major or minor degree in music at Chestnut Hill College concurrently with a major in the biological sciences. The award total over four years is $2500. Please contact Joseph Kulkosky, Room 522.
Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Advanced Placement
Students that have attained a score of 3 in the AP Biology placement exam are not obliged to take BIOL-111: Principles of Biology I. A score of 4 or 5 on this exam also allows the student to opt from taking BIOL-112: Principles of Biology II. A maximum of 4 Biology credits can be applied to the student’s transcript on the basis of having taken AP Biology with a qualified exam score. Students should consult with their advisors in regards to a recommended chemistry or mathematics sequence. Non-majors obtaining a score of 3 or better in the AP Biology exam earn 4 credits towards Scientific Ways of Knowing requirement.

Course Options
In addition to courses for majors, there are many Biology courses that are open to students of any major wishing to fulfill the Scientific Way of Knowing or are interested in exploring personal interests without committing to a minor. The following are open to any undergraduate student meeting the Pre-Requisites—check the Course Descriptions for additional information:

- BIOL-101: General Biology I (WOK: Scientific)
- BIOL-102: General Biology II (WOK: Scientific)
- BIOL-106: Ecology and Environmental Issues (WOK: Scientific)
- BIOL-125: Ponds and Streams (WOK: Scientific)
- BIOL-126: The Biology of Cancer (WOK: Scientific)
- BIOL-145: Forests and Fields (WOK: Scientific)
- BIOL-206: General Zoology (WOK: Scientific)
- BIOL-210 Nutrition (WOK: Scientific)

Biology
Chestnut Hill College students participate in various intercollegiate scientific seminars and often earn distinction. The Internship Program provides Biology majors with the opportunity to integrate academic learning with practical experience. Major students who meet academic qualifications are encouraged to participate in the Biology Honors program that provides greater levels of challenge. Students can perform independent study during their Junior and Senior year under the direction of a department member, established scientist, or a physician at a graduate school or major research center.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the
requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors.

**Major in Biology – 76 – 78 credits**

Courses are 3 credits unless indicated.

*Required in the Major:*

- BIOL-111: Principles of Biology I (4 credits) *(WOK: Scientific)*
- BIOL-112: Principles of Biology II (4 credits)
- BIOL-201: Cell Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- BIOL-233: Ecology and Evolutionary Biology (4 credits)
- BIOL-498: Senior Seminar in Biology
- One Biology 200-level course chosen from the following, which may not be offered every semester:
  - BIOL-203: Human Anatomy and Physiology I (4 credits)
  - BIOL-206: General Zoology (4 credits)
  - BIOL-210: Nutrition (4 credits)
  - BIOL-281: Special Topics in Biology/Topics vary by semester *(Repeateable for credit)*
- Two Biology 300-level courses chosen from the following, which may not be offered every semester:
  - BIOL-300: Experimental Methods and Design (4 credits) *(Writing Intensive)*
  - BIOL-312: Watersheds and Freshwater Ecology (4 credits)
  - BIOL-317: Special Methods in Biology
  - BIOL-318: Human Anatomy and Physiology II (4 credits)
  - BIOL-322: Terrestrial Ecology (4 credits)
  - BIOL-324: Microbiology (4 credits)
  - BIOL-325: Marine Biology (4 credits)
  - BIOL-333: Evolution
  - BIOL-351: Molecular Biology
- Two Biology 400-level courses chosen from the following, which may not be offered every semester:
  - BIOL-401: Internship in Biology *(Repeatable for credit)*
  - BIOL-405: Environmental Study Tour (4 credits)
  - BIOL-410: Immunology (4 credits)
  - BIOL-411: Developmental Biology (4 credits)
  - BIOL-412: Endocrinology
  - BIOL-413: Conservation and Restoration Biology
  - BIOL-481: Advanced Special Topics in Biology/Topics vary by semester *(Repeatable for credit)*

*Also required:*

- CHEM-131: Principles of Chemistry I (4 credits)
- CHEM-132: Principles of Chemistry II (4 credits)
- Choice of:
  - CHEM-215: Organic Chemistry I (4 credits)
  - CHEM-216: Organic Chemistry II (4 credits)
  - CHEM-217: Organic Chemistry III (4 credits)
OR
  - CHEM-215: Organic Chemistry I (4 credits)
  AND
  - CHEM-250: Introduction to Biochemistry
OR
  - CHEM-202: Introduction to Organic Chemistry (4 credits)
  AND
  - CHEM-250: Introduction to Biochemistry

- Choice of:
  - MATH-201: Math for Management/Social Sciences I (WOK: Problem Solving)
  AND
  - MATH-202: Math for Management/Social Sciences II (WOK: Problem Solving)
OR
  - MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
  AND
  - MATH-204: Analytic Geometry and Calculus II (WOK: Problem Solving)
OR
  - MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)
  AND
  - MATH-212: Calculus and Modern Analysis II (WOK: Problem Solving)

- Choice of:
  - MATH-227: Introduction to Probability and Statistics
  OR
  - MATH-262: Probability and Statistics

- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

Sample Bachelor of Science: Biology Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 17/18</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>BIOL-201 (4 cr)</td>
<td>BIOL-3XX elective</td>
<td>BIOL-300 (4 cr) or W1</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>BIOL-4XX elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>MATH-203 or alternative</td>
<td>MATH-262 or alternative</td>
<td>RLST-2XX</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>Public Speaking (1 cr)</td>
<td>Minor #1 (WOK) or</td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 14/15</th>
<th>Year Two Spring – 14/15</th>
<th>Year Three Spring – 17</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-112 (4 cr)</td>
<td>BIOL-217 (4 cr)</td>
<td>BIOL-233 (4 cr)</td>
<td>BIOL-498</td>
</tr>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-216 (4 cr) or alternative</td>
<td>BIOL-3XX elective</td>
<td>BIOL-4XX elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>MATH-204 or alternative</td>
<td>PHYS-122 (4 cr)</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>BIOL-2XX elective</td>
<td>Minor #2</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>WOK or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 121
**Minor in Biology** – 18-24 credits
The minor in Biology is designed for students interested in Biology in general or in preparation for health/medical areas. Because some courses have Pre-Requisites and some are not given every year, a student interested in this minor needs to be advised by the Biology Department. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Note: Molecular Biology and Environmental Sciences majors may not obtain a minor in Biology.  
**Requirements:**
- Six Biology courses, including at least two above the 100-level.

**Molecular Biology**

**Major in Molecular Biology** – 79-82 credits
Courses are 3 credits unless indicated.

*Required in the Major:*
- BIOL-111: Principles of Biology I (4 credits) *(WOK: Scientific)*
- BIOL-112: Principles of Biology II (4 credits)
- BIOL-201: Cell Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- BIOL-351: Molecular Biology
- Choice of:
  - BIOL-410: Immunology (4 credits)
  - OR
  - BIOL-411: Developmental Biology (4 credits)
- BIOL-498: Senior Seminar in Biology
- One Biology 200-level course chosen from the following, which may not be offered every semester:
  - BIOL-203: Human Anatomy and Physiology I (4 credits)
  - BIOL-206: General Zoology (4 credits)
  - BIOL-210: Nutrition (4 credits)
  - BIOL-217: Genetics (4 credits)
  - BIOL-281: Special Topics in Biology/Topics vary by semester *(Repeatable for credit)*
- Two Biology 300-level courses chosen from the following, which may not be offered every semester:
  - BIOL-300: Experimental Methods and Design (4 credits) *(Writing Intensive)*
  - BIOL-312: Watersheds and Freshwater Ecology (4 credits)
  - BIOL-317: Special Methods in Biology
  - BIOL-318: Human Anatomy and Physiology II (4 credits)
  - BIOL-322: Terrestrial Ecology (4 credits)
  - BIOL-324: Microbiology (4 credits)
  - BIOL-325: Marine Biology (4 credits)
  - BIOL-333: Evolution
  - BIOL-351: Molecular Biology
- One Biology 400-level course chosen from the following, which may not be offered every semester:
  - BIOL-401: Internship in Biology *(Repeatable for credit)*
  - BIOL-405: Environmental Study Tour (4 credits)
  - BIOL-410: Immunology (4 credits)
- BIOL-411: Developmental Biology (4 credits)
- BIOL-412: Endocrinology
- BIOL-413: Conservation and Restoration Biology
- BIOL-481: Advanced Special Topics in Biology/Topics vary by semester (*Repeatable for credit*)

Also required:

- CHEM-131: Principles of Chemistry I (4 credits)  *(WOK: Scientific)*
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-250: Introduction to Biochemistry
- Choice of:
  - MATH-201: Math for Management/Social Sciences I  *(WOK: Problem Solving)*
    AND
  - MATH-202: Math for Management/Social Sciences II  *(WOK: Problem Solving)*
    OR
  - MATH-203: Analytic Geometry and Calculus I  *(WOK: Problem Solving)*
    AND
  - MATH-204: Analytic Geometry and Calculus II  *(WOK: Problem Solving)*
    OR
  - MATH-211: Calculus and Modern Analysis I  *(WOK: Problem Solving)*
    AND
  - MATH-212: Calculus and Modern Analysis II  *(WOK: Problem Solving)*

- Choice of:
  - MATH-227: Introduction to Probability and Statistics
  OR
  - MATH-262: Probability and Statistics
  - PHYS-121: Principles of Physics I (4 credits)
  - PHYS-122: Principles of Physics II (4 credits)

Sample Bachelor of Science: Molecular Biology Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 17/18</th>
<th>Year Two Fall – 17/18</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>BIOL-201 (4 cr)</td>
<td>BIOL-3XX elective</td>
<td>BIOL-300 or other W1 course</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>BIOL-410 or 411 (4 cr)</td>
</tr>
<tr>
<td>Language-103</td>
<td>MATH-203 or alternative</td>
<td>MATH-262 or alternative</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>Minor #1 (WOK)</td>
<td>RLST-2XX</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Ethics</td>
<td>Minor #2</td>
<td>Minor #3</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 17/18</th>
<th>Year Two Spring – 15/16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-112 (4 cr)</td>
<td>BIOL-201 (4 cr)</td>
<td>BIOL-351</td>
<td>BIOL-498</td>
</tr>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>BIOL-2XX elective</td>
<td>BIOL-3XX elective</td>
<td>BIOL-4XX elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>CHEM-216 (4 cr)</td>
<td>CHEM-250</td>
<td>Minor #4</td>
</tr>
<tr>
<td>RLST-104</td>
<td>MATH-204 or alternative</td>
<td>MATH-227 or 262</td>
<td>Minor #5</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Public Speaking (1 cr)</td>
<td>PHYS-122 (4 cr)</td>
<td>Minor #6</td>
</tr>
<tr>
<td>PHED #1* Swim Test</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 129

Minor in Molecular Biology – 22-23 credits
This minor is designed for science, math, or computer science majors who have an interest in Molecular Biology and Bioinformatics. Biology majors may minor in Molecular Biology only if at least two of the courses for the minor do not count towards their requirements for the major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- BIOL-111: Principles of Biology I (4 credits) *(WOK: Scientific)*
- BIOL-112: Principles of Biology II (4 credits) *(WOK: Scientific)*
- BIOL-201: Cell Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- BIOL-333: Evolution *(or Departmental approved alternative)*
- BIOL-351: Molecular Biology

Environmental Science
Major in Environmental Science – 74 – 78 credits
Courses are 3 credits unless indicated.

Required in the Major:

- BIOL-111: Principles of Biology I (4 credits) *(WOK: Scientific)*
- BIOL-112: Principles of Biology II (4 credits)
- BIOL-201: Cell Biology (4 credits)
- BIOL-206: General Zoology (4 credits)
- BIOL-217: Genetics (4 credits)
- BIOL-233: Ecology and Evolutionary Biology (4 credits)
- BIOL-312: Watersheds and Freshwater Ecology (4 credits)
- BIOL-322: Terrestrial Ecology (4 credits)
- Choice of:
  - BIOL-333: Evolution
  - OR
  - BIOL-325: Marine Biology
- BIOL-498: Senior Seminar in Biology
- One Biology 300-level course chosen from the following, which may not be offered every semester:
  - BIOL-300: Experimental Methods and Design (4 credits) *(Writing Intensive)*
  - BIOL-317: Special Methods in Biology
  - BIOL-318: Human Anatomy and Physiology II (4 credits)
  - BIOL-324: Microbiology (4 credits)
  - BIOL-351: Molecular Biology
- One Biology 400-level courses chosen from the following, which may not be offered every semester:
  - BIOL-401: Internship in Biology *(Repeatable for credit)*
  - BIOL-405: Environmental Study Tour (4 credits)
  - BIOL-410: Immunology (4 credits)
Also required:

- CHEM-131: Principles of Chemistry I (4 credits) *(WOK: Scientific)*
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-202: Introduction to Organic Chemistry (4 credits)
- CHEM-242: Environmental Chemistry
- Choice of:
  - MATH-201: Math for Management/Social Sciences I *(WOK: Problem Solving)*
    AND
  - MATH-202: Math for Management/Social Sciences II *(WOK: Problem Solving)*
    OR
  - MATH-203: Analytic Geometry and Calculus I *(WOK: Problem Solving)*
    AND
  - MATH-204: Analytic Geometry and Calculus II *(WOK: Problem Solving)*
    OR
  - MATH-211: Calculus and Modern Analysis I *(WOK: Problem Solving)*
    AND
  - MATH-212: Calculus and Modern Analysis II *(WOK: Problem Solving)*
    - MATH-262: Probability and Statistics
    - PHYS-121: Principles of Physics I (4 credits)
    - PHYS-122: Principles of Physics II (4 credits)

Sample Bachelor of Science: Environmental Science Major/selected minor (declaration of minor not required for graduation):

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 17/18</th>
<th>Year Two Fall – 17/18</th>
<th>Year Three Fall – 17</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>BIOL-201 (4 cr)</td>
<td>BIOL-322</td>
<td>BIOL-332 or 325</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>CHEM-202 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>BIOL-4XX elective</td>
</tr>
<tr>
<td>Language-103</td>
<td>MATH-203 or alternative</td>
<td>WOK or elective (WI)</td>
<td>BIOL-312 (4 cr)</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>MATH-262</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLIST-104</td>
<td>Ethics</td>
<td>Minor #1 or elective(WOK)</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 14/15</td>
<td>Year Two Spring – 14/15</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 12</td>
</tr>
<tr>
<td>BIOL-112 (4 cr)</td>
<td>BIOL-206 (4 cr)</td>
<td>BIOL-233</td>
<td>BIOL-498</td>
</tr>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>BIOL-217 (4 cr)</td>
<td>BIOL-3XX elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>CHEM-242</td>
<td>PHYS-122 (4 cr)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>MATH-204 or alternative</td>
<td>RLST-2XX</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>Minor #2 or elective</td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 123
Minor in Environmental Sciences – 18 – 24 credits

The minor in Environmental Sciences is designed for the non-major who has an interest in the more scientific aspects of environmental sciences. Biology majors may minor in Environmental Sciences only if at least two of the Environmental courses for the minor do not count towards their requirements for the major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Courses are 3 credits unless indicated. Requirements:

- BIOL-111: Principles of Biology I (4 credits) *(WOK: Scientific)*
- BIOL-112: Principles of Biology II (4 credits) *(WOK: Scientific)*
- Choice of any four of the following:
  - BIOL-106: Ecology and Environmental Issues (4 credits)
  - BIOL-125: Ponds and Streams (4 credits)
  - BIOL-145: Forests and Fields
  - BIOL-206: General Zoology (4 credits)
  - BIOL-233: Ecology and Evolutionary Biology (4 credits)
  - BIOL-312: Watersheds and Freshwater Ecology (4 credits)
  - BIOL-322: Terrestrial Ecology (4 credits)
  - BIOL-325: Marine Biology (4 credits)
  - BIOL-333: Evolution
CHEMISTRY and PHYSICS
Kelly Butler, PhD, Director of Chemistry and Physics and Associate Professor of Chemistry
Lisa Domico, Ph. D, Assistant Professor of Biology and Chemistry
Kathleen Duffey, SSJ, PhD, Professor of Physics
William Herron, PhD, Assistant Professor of Chemistry
Sheldon Miller, PhD, Associate Professor of Chemistry
Karen Wendling, PhD, Assistant Professor of Chemistry

Chestnut Hill College offers a Bachelor of Science (BS) in Chemistry; a Bachelor of Science (BS) in Biochemistry; and a Bachelor of Science (BS) in Forensic Sciences, with a choice of concentration in either Controlled Substances/Toxicology or DNA Focus. The Department also offers minors in Chemistry and Biochemistry. Interested students should contact Kelly Butler, Room 540 St. Joseph Hall. Telephone: 215/242-7988. Email: butler@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors.

Departmental Mission
The mission of the Chemistry and Physics Department is to engage students in critical and creative inquiry related to the concepts and practice of the Chemistry discipline. Chemistry students develop strong critical thinking and problem solving skills both in the classroom and the laboratory setting, particularly through the use of the scientific method. The Department also fosters creative inquiry: students are encouraged to design their own experiments and synthesize their understanding of chemistry with other fields to develop unique approaches to solving scientific problems. The Chemistry and Physics Department offers majors in Chemistry, Biochemistry, and Forensic Science, as well as minors in Chemistry and Biochemistry. The flexibility in these majors and minors prepares students for graduate study, health professional programs, and research careers in industry, government, and law enforcement laboratories.

Advanced Placement
The policy for acceptance of Advanced Placement courses for college credit in Chemistry and Physics is detailed below however; the final decision on the number of credits awarded rests with the department and is based on the evaluation of evidence of laboratory experience. This evidence may consist of a detailed description, signed by the instructor, of the laboratory exercises performed or a detailed laboratory notebook.

Chemistry: A grade of 5 will be considered equivalent to completion of CHEM-131: Principles of Chemistry I and CHEM-132: Principles of Chemistry II and the student should consult an advisor for registration. A grade of 4 will be considered equivalent to completion of CHEM-131: Principles of Chemistry I and the student may register for CHEM-132: Principles of Chemistry II. With a grade of 3 the student will be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Ways of Knowing requirement.
Physics: A grade of 4 or higher in Physics B: Mechanics will be considered equivalent to PHYS-121: Principles of Physics I. A grade of 4 or higher in Physics B: Electricity and Magnetism will be considered equivalent to PHYS-122: Principles of Physics II. A grade of 3 or higher on the Physics C exam is not equivalent to PHYS-121: Principles of Physics I or PHYS-122: Principles of Physics II but the student will be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Ways of Knowing requirement.

Honors
Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Articulation Agreements
Chestnut Hill College and Arcadia University have entered into an articulation agreement concerning the early consideration for acceptance of Chestnut Hill College graduates into Arcadia’s Master’s program in Forensic Science and early consideration for financial aid in this program. Certain requirements must be met by the Chestnut Hill College graduate including, but not limited to: certain course requirements; GPA of 3.30 in Pre-Requisite courses; and a GRE combined total score on verbal and quantitative area of 1,050 and a 4.0 or higher on the analytic portion. Please note that the course requirements of this articulation agreement are met by successful graduation majoring in the Forensic Science program at Chestnut Hill College. Further details of this agreement can be obtained from the Chemistry Department.

Secondary Teacher Certification will be awarded to students who complete CHEM-317: Special Methods and fulfill the Education requirements for Certification (See Education section) in addition to the Chemistry, Biochemistry, or Forensic Sciences major.

Course Options
Chemistry and Physics courses are available to students in any major either looking to fulfill a Scientific Way of Knowing or expand on interests without pursuing a minor. The following courses are open to students in any major however they may not be offered every semester and may have a Pre-Requisite. Courses are 3 credits unless indicated. Check the Course Description section for information on the following courses, which may not be offered every semester:

- CHEM-103: Chemistry and Public Policy (4 credits) (WOK: Scientific)
- CHEM-106: Introduction to Forensic Science (4 credits) (WOK: Scientific)
- CHEM-131: Principles of Chemistry I (4 credits) (WOK: Scientific)
- CHEM-132: Principles of Chemistry II (4 credits) (WOK: Scientific)
- PHYS-104: Astronomy (WOK: Scientific)
- PHYS-121: Principles of Physics I (4 credits) (WOK: Scientific)
- PHYS-122: Principles of Physics II (4 credits) (WOK: Scientific)
Chemistry

Major in Chemistry – 59.5 credits
Courses are 3-credits unless indicated.

Required in the Major:
- CHEM-131: Principles of Chemistry I (4 credits) (WOK: Scientific)
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-201: Introduction to Chemical Information and Technical Communications (1.5 credits)
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-301: Analytical Chemistry (5 credits)
- CHEM-313: Physical Chemistry I (4 credits)
- CHEM-314: Physical Chemistry II (4 credits)
- CHEM-340: Inorganic Chemistry (5 credits)
- CHEM-498: Senior Seminar in Chemistry
- Two additional courses (6 – 8 credits) chosen from the following:
  - CHEM-303: Instrumental Analysis (5 credits)
  - CHEM-307: Biochemistry I (4 credits)
  - CHEM-308: Biochemistry II (4 credits)
  - CHEM-405: Advanced Organic Chemistry
  - CHEM-481: Advanced Special Topics in Chemistry/Topics vary by semester (3 -4 credits) (Repeatable for credit)

Also required:
- Choice of:
  - MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
    AND
  - MATH-204: Analytic Geometry and Calculus II (WOK: Problem Solving)
    OR
  - MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)
    AND
  - MATH-212: Calculus and Modern Analysis II (WOK: Problem Solving)
  - PHYS-121: Principles of Physics I (4 credits) (WOK: Scientific)
  - PHYS-122: Principles of Physics II (4 credits)

Sample Bachelor of Science: Chemistry Major / selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 16/17</th>
<th>Year Two Fall – 17/18</th>
<th>Year Three Fall – 15</th>
<th>Year Four Fall – 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>CHEM-301 (5 cr)</td>
<td>CHEM-340 (5 cr)</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>PHYS-121 (4 cr)</td>
<td>CHEM-313 (4 cr)</td>
<td>CHEM-498</td>
</tr>
<tr>
<td>MATH-203/211</td>
<td>GLST-201</td>
<td>Minor #2 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 16/17</td>
<td>Year Two Spring – 15.5/16.5</td>
<td>Year Three Spring – 14</td>
<td>Year Four Spring – 13</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------</td>
<td>------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-201 (1.5 cr)</td>
<td>CHEM-314 (4 cr)</td>
<td>CHEM elective (4 cr)</td>
</tr>
<tr>
<td>MATH-204/212</td>
<td>CHEM-216 (4 cr)</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>PHYS-122 (4 cr)</td>
<td>Public Speaking (1 cr)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>RLS-T-2XX</td>
<td>CHEM elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>WOK or elective (WI)</td>
<td></td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120.5**

**Minor in Chemistry** – 6 courses, 22-24 credits

Biology, Molecular Biology, and Environmental Science majors may minor in Chemistry only if at least two of the courses for the minor do not count towards their requirements for the major.

- CHEM-131: Principles of Chemistry I (*WOK: Scientific*)
- CHEM-132: Principles of Chemistry II (*WOK: Scientific*)
- CHEM-215: Organic Chemistry I
- CHEM-216: Organic Chemistry II
- Remaining courses chosen in consultation with the Departmental advisor.

**Biochemistry**

**Major in Biochemistry** – 65.5 credits

Courses are 3-credits unless indicated.

**Required in the Major:**

- CHEM-131: Principles of Chemistry I (4 credits) (*WOK: Scientific*)
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-201: Introduction to Chemical Information and Technical Communications (1.5 credits)
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-307: Biochemistry I (4 credits)
- CHEM-308: Biochemistry II (4 credits)
- CHEM-313: Physical Chemistry I (4 credits)
- CHEM-314: Physical Chemistry II (4 credits)
- CHEM-498: Senior Seminar in Biochemistry

**Also required:**

- BIOL-111: Principles of Biology I (4 credits) (*WOK: Scientific*)
- BIOL-201: Cell Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- Choice of:
  - MATH-203: Analytic Geometry and Calculus I (*WOK: Problem Solving*)
  - AND
  - MATH-204: Analytic Geometry and Calculus II
  - OR
  - MATH-211: Calculus and Modern Analysis I (*WOK: Problem Solving*)
  - AND
  - MATH-212: Calculus and Modern Analysis II
- MATH-262: Probability and Statistics
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

**Sample Bachelor of Science: Biochemistry Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 14/15</th>
<th>Year Two Fall – 14/15</th>
<th>Year Three Fall – 17</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>CHEM-313 (4 cr)</td>
<td>CHEM-307 (4 cr)</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>BIOL-201 (4 cr)</td>
<td>CHEM-498</td>
</tr>
<tr>
<td>MATH-203/211</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>WOK or elective</td>
<td>MATH-262</td>
<td>Minor #3 or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 16/17</th>
<th>Year Two Spring – 15.5/16.5</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-216 (4 cr)</td>
<td>CHEM-314 (4 cr)</td>
<td>CHEM-308 (4 cr)</td>
</tr>
<tr>
<td>MATH-204/212</td>
<td>CHEM-201 (1.5 cr)</td>
<td>WOK or elective (WI)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>PHYS-122 (4 cr)</td>
<td>BIOL-217 (4)</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>RLST-2XX</td>
<td>Public Speaking (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td></td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120.5**

**Minor in Biochemistry – 24 credits**

Biology, Molecular Biology, and Environmental Science majors may minor in Biochemistry only if at least two of the courses for the minor do not count towards their requirements for the major.

- CHEM-131: Principles of Chemistry I (4 credits) *(WOK: Scientific)*
- CHEM-132: Principles of Chemistry II (4 credits) *(WOK: Scientific)*
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-307: Biochemistry I (4 credits)
- CHEM-308: Biochemistry II (4 credits)
Forensic Sciences

Students choose either a Controlled Substances/Toxicology or a DNA Focus concentration for the final major coursework.

Major in Forensic Sciences/Controlled Substances/Toxicology concentration – 82 credits

Courses are 3-credits unless indicated.

Required in the Major:
- CHEM-131: Principles of Chemistry I (4 credits) (*WOK: Scientific*)
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-241: Toxicology
- CHEM-301: Analytical Chemistry (5 credits)
- CHEM-303: Instrumental Analysis (5 credits)
- CHEM-307: Biochemistry I (4 credits)
- CHEM-308: Biochemistry II (4 credits)
- CHEM-314: Physical Chemistry II (4 credits)
- CHEM-340: Inorganic Chemistry (5 credits)
- CHEM-401: Internship in Forensic Sciences
- CHEM-498: Senior Seminar in Forensic Sciences
- BIOL-111: Principles of Biology I (4 credits)
- One additional course (3–4 credits) in Chemistry chosen in consultation with an academic advisor.

Also required:
- Choice of:
  - MATH-203: Analytic Geometry and Calculus I (*WOK: Problem Solving*)
  - AND
  - MATH-204: Analytic Geometry and Calculus II (*WOK: Problem Solving*)
  - OR
  - MATH-211: Calculus and Modern Analysis I (*WOK: Problem Solving*)
  - AND
  - MATH-212: Calculus and Modern Analysis II (*WOK: Problem Solving*)
- MATH-262: Probability and Statistics
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)
- CRJU-223: Criminal Law (*WOK: Behavioral*)
- CRJU-224: Criminal Investigation

Sample Bachelor of Science: Forensic Science Major/Controlled Substances/Toxicology concentration:

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 14/15</th>
<th>Year Two Fall – 14/15</th>
<th>Year Three Fall – 15</th>
<th>Year Four Fall – 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>CHEM-301 (5 cr)</td>
<td>CHEM-314 (4 cr)</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>CHEM-307 (4 cr)</td>
<td>CHEM-498</td>
</tr>
<tr>
<td>MATH-203/211</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>CHEM elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>RLST-104</td>
<td>MATH-262</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td>Elective (1 cr)</td>
</tr>
</tbody>
</table>
Major in Forensic Sciences/ DNA Focus concentration – 81 credits

Required in the Major:
- CHEM-131: Principles of Chemistry I (4 credits) (WOK: Scientific)
- CHEM-132: Principles of Chemistry II (4 credits)
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-301: Analytical Chemistry (5 credits)
- CHEM-307: Biochemistry I (4 credits)
- CHEM-308: Biochemistry II (4 credits)
- CHEM-401: Internship in Forensic Sciences
- BIOL-111: Principles of Biology I (4 credits)
- BIOL-201: Cell and Molecular Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- BIOL-351: Molecular Biology
- BIOL-410: Immunology (4 credits)
- One additional course (3 – 4 credits) in Biology chosen in consultation with an academic advisor.

Also required:
- Choice of:
  - MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
  - MATH-204: Analytic Geometry and Calculus II (WOK: Problem Solving)
  - OR
  - MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)
  - MATH-212: Calculus and Modern Analysis II (WOK: Problem Solving)
- MATH-262: Probability and Statistics
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)
- CRJU-223: Criminal Law (WOK: Behavioral)
- CRJU-224: Criminal Investigation

Sample Bachelor of Science: Forensic Science Major/DNA Focus concentration:
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.
<table>
<thead>
<tr>
<th>Year One Fall – 14/15</th>
<th>Year Two Fall – 14/15</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-111 (4 cr)</td>
<td>CHEM-215 (4 cr)</td>
<td>CHEM-301 (5 cr)</td>
<td>CHEM-498</td>
</tr>
<tr>
<td>CHEM-131 (4 cr)</td>
<td>PHYS-121 (4 cr)</td>
<td>CHEM-307 (4 cr)</td>
<td>BIOL-351 (4 cr)</td>
</tr>
<tr>
<td>MATH-203/211</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>RLST-104</td>
<td>BIOL-201 (4 cr)</td>
<td>MATH-262</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Elective (1 cr)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 16/17</th>
<th>Year Two Spring – 14/15</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-216 (4 cr)</td>
<td>CHEM-308 (4 cr)</td>
<td>BIOL-410 (4 cr)</td>
</tr>
<tr>
<td>MATH-204/212</td>
<td>PHYS-122 (4 cr)</td>
<td>CHEM-401</td>
<td>BIOL elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>RLST-2XX</td>
<td>BIOL-217 (4 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>CRJU-223</td>
<td>CRJU-224</td>
<td>Public Speaking (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>PHED #2</td>
<td>WOK or elective (WI)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1/ Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation:** 120
Chestnut Hill College offers a Bachelor of Science (BS) in Mathematics, and a Bachelor of Science (BS) in Mathematical and Computer Sciences. Students may earn secondary certification in mathematics by choosing courses that satisfy State requirements. A minor in Mathematics is also available. Interested students should contact Merilyn Ryan, SSJ, Room 62 St. Joseph Hall. Telephone: 215/753-3620. Email: ryanm@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Departmental Mission
The Mathematical Sciences curriculum focuses on the analytical skills required for an understanding and efficient use of mathematics. The study of mathematics develops the ability to reason logically, to analyze and solve problems, to think abstractly and to express thoughts clearly and precisely, valuable skills for meeting the demands of today’s world. Through their coursework, students acquire an appreciation for the power and beauty of mathematics that is revealed in its structure and methods.

Both programs provide students with a thorough grounding in theoretical and applied mathematics, while providing enough flexibility for the student to decide on the amount of emphasis to be given to computer science. By selecting appropriate electives, students in both majors may prepare for graduate study in mathematics and related disciplines, as well as for positions in business, industry, and education. (See Education for Secondary Education requirements.)

Honors
Outstanding students who major in Mathematics or Mathematical and Computer Sciences may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.)

All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Advanced Placement
Advanced placement scores may enable an incoming student to receive credits in mathematics. Students who earn a score of 3 in Calculus AB will receive 3 credits for MATH-203: Analytic Geometry and Calculus I. Students who earn a score of 4 or 5 in Calculus AB or a score of 3 in Calculus BC will receive 3 credits for
**Math Proficiency**

Every student at Chestnut Hill College must demonstrate the attainment of reasonable proficiency in mathematics. Incoming students take a proficiency exam, and the results help determine whether the student has attained the required level or will enter a developmental program. Fulfillment of the mathematics proficiency requirement is necessary for graduation.

The Mathematics department offers courses designed to equip students in other majors with the mathematical knowledge necessary for their chosen fields of study; courses for liberal arts students who wish to develop their understanding and appreciation of mathematics; and a developmental program for students who have not attained mathematical proficiency.

Depending upon Mathematics Proficiency test results, entering students may be required to take *MATH-100: Developmental Mathematics: Basic Skills and Principles*, which is not applicable towards graduation, or will be placed in a Mathematics course suited to the chosen major.

**Course Options**

Courses open to students of any major to fulfill a Problem Solving *Way of Knowing*, to meet a requirement in another major, or to pursue an interest in Mathematics without declaring a minor include the following, which may not be offered every semester. See the Course Descriptions for information and any Pre-Requisites:

- **MATH-115**: Understanding Our Quantitative World (*WOK: Problem Solving*)
- **MATH-121**: Precalculus I (*WOK: Problem Solving*)
- **MATH-122**: Precalculus II (*WOK: Problem Solving*)
- **MATH-123**: Precalculus - A Condensed Approach (*WOK: Problem Solving*)
- **MATH-201**: Mathematics for Management and the Social Sciences I (*WOK: Problem Solving*)
- **MATH-202**: Mathematics for Management and the Social Sciences II (*WOK: Problem Solving*)
- **MATH-203**: Analytic Geometry and Calculus I (*WOK: Problem Solving*)
- **MATH-204**: Analytic Geometry and Calculus II (*WOK: Problem Solving*)
- **MATH-211**: Calculus and Modern Analysis I (*WOK: Problem Solving*)
- **MATH-212**: Calculus and Modern Analysis II (*WOK: Problem Solving*)
- **MATH-215**: Mathematics for Liberal Arts (*WOK: Problem Solving*)
- **MATH-227**: Introduction to Statistics (*WOK: Problem Solving*)
- **MATH-231**: Basic Mathematical Theory and Applications I (*WOK: Problem Solving*)
- **MATH-232**: Basic Mathematical Theory and Applications II (*WOK: Problem Solving*)
- **MATH-251**: Calculus and Linear Algebra (*WOK: Problem Solving*)
- **MATH-252**: Calculus and Modern Analysis III (*WOK: Problem Solving*)
- **MATH-261**: Discrete Methods in Mathematics (*WOK: Problem Solving*)
- **MATH-262**: Probability and Statistics (*WOK: Problem Solving*)
**Mathematics**

**Major in Mathematics – 43 – 44 credits**

Courses are 3 credits unless indicated.

**Required in the Major:**
- MATH-251: Calculus and Linear Algebra *(WOK: Problem Solving)*
- MATH-252: Calculus and Modern Analysis III
- MATH-261: Discrete Methods in Mathematics
- MATH-262: Probability and Statistics
- MATH-305: Abstract Algebra I
- MATH-306: Abstract Algebra II
- MATH-497: Modern Mathematical Theory I *(Writing Intensive)*
- MATH-498: Senior Seminar/Modern Mathematical Theory II
- Four courses (12 credits) in Mathematics chosen from the following, which may not be offered every semester:
  - MATH-281: Special Topics in Mathematics/Topics vary by semester *(Repeatable for credit)*
  - MATH-307: Differential Equations
  - MATH-321: Advanced Calculus
  - MATH-331: Mathematical Modeling
  - MATH-341: Introduction to Operations Research
  - MATH-342: Fundamentals of Geometry
  - MATH-481: Advanced Special Topics in Mathematics/Topics vary by semester *(Repeatable for credit)*

**Also required:**
- Choice of:
  - CMSC-190: Introduction to Programming Logic *
  - OR
  - CMSC-251: Data Structures in Java (4 credits)
- CMSC-210: Programming in Java (4 credits)

*Students with previous programming experience take CMSC-251 instead of CMSC-190.

**Recommended, but not required:**
- PHYS-121: Principles of Physics I *(WOK: Scientific)*
- PHYS-122: Principles of Physics II *(WOK: Scientific)*

**Sample Bachelor of Science: Mathematics Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 14</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH elective or 211</td>
<td>MATH-251</td>
<td>MATH-306</td>
<td>MATH elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>MATH-elective</td>
<td>CMSC-210 (4 cr)</td>
<td>MATH-497 (WI)</td>
</tr>
<tr>
<td>Language-103</td>
<td>RLIST -2XX</td>
<td>MATH elective</td>
<td>Minor #5</td>
</tr>
<tr>
<td>RLIST-104</td>
<td>GLST-201</td>
<td>Minor #3</td>
<td>Ethics</td>
</tr>
<tr>
<td>CMSC-190 or 251</td>
<td>WOK or elective</td>
<td>Elective (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring – 15/16</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------</td>
<td>----------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>MATH elective or 212</td>
<td>MATH-252</td>
<td>MATH-262</td>
<td>MATH-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>MATH-305</td>
<td>MATH elective</td>
<td>MATH elective</td>
</tr>
<tr>
<td>CMSC-210</td>
<td>WOK or elective</td>
<td>Public Speaking</td>
<td>Minor #6</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #1</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Minor #2</td>
<td>Minor #4</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Minor in Mathematics for students in a Natural Science, Humanities or Social Science major – 18 credits

- Choice of:
  - MATH-203: Analytic Geometry and Calculus I *(WOK: Problem Solving)*
  - AND
  - MATH-204: Analytic Geometry and Calculus II *(WOK: Problem Solving)*
  - OR
  - MATH-211: Calculus and Modern Analysis I *(WOK: Problem Solving)*
  - AND
  - MATH-212: Calculus and Modern Analysis II *(WOK: Problem Solving)*

- Four courses (12 credits) chosen from the following, which may not be offered every semester:
  - MATH-251: Calculus and Linear Algebra
  - MATH-252: Calculus and Modern Analysis III
  - MATH-261: Discrete Methods in Mathematics
  - MATH-262: Probability and Statistics
  - MATH-281: Special Topics in Mathematics/Topics vary by semester *(Repeatable for credit)*
  - MATH-305: Abstract Algebra I
  - MATH-306: Abstract Algebra II
  - MATH-307: Differential Equations
  - MATH-331: Mathematical Modeling
  - MATH-341: Introduction to Operations Research
  - MATH-342: Fundamentals of Geometry
  - MATH-481: Advanced Special Topics in Mathematics/Topics vary by semester *(Repeatable for credit)*

Minor in Mathematics for students in a Business major – 18 credits

- MATH-201: Mathematics for Management and the Social Sciences I *(WOK: Problem Solving)*
- MATH-202: Mathematics for Management and the Social Sciences II *(WOK: Problem Solving)*
- MATH-227: Introduction to Statistics

- Three courses (9 credits) chosen from the following, which may not be offered every semester:
  - MATH-251: Calculus and Linear Algebra
  - MATH-261: Discrete Methods in Mathematics
  - MATH-281: Special Topics in Mathematics/Topics vary by semester *(Repeatable for credit)*
  - MATH-305: Abstract Algebra I
  - MATH-331: Mathematical Modeling
  - MATH-341: Introduction to Operations Research
Minor in Mathematics for students majoring in Early Education (PreK–4) – 18 credits

- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving)
- MATH-232: Basic Mathematical Theory and Applications II (WOK: Problem Solving)
- Choice of:
  - MATH-202: Mathematics for Management and the Social Sciences II
  - MATH-203: Analytic Geometry and Calculus I
- AND
  - MATH-204: Analytic Geometry and Calculus II
- Two to three courses (6 to 9 credits) chosen from the following, which may not be offered every semester:
  - MATH-251: Calculus and Linear Algebra
  - MATH-252: Calculus and Modern Analysis III
  - MATH-261: Discrete Methods in Mathematics
  - MATH-281: Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)
  - MATH-305: Abstract Algebra I
  - MATH-342: Fundamentals of Geometry
  - MATH-481: Advanced Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)

Mathematical and Computer Sciences

Major in Mathematical and Computer Sciences – 45 credits

Courses are 3 credits unless indicated.

Required in the Major:

- MATH-251: Calculus and Linear Algebra (WOK: Problem Solving)
- MATH-252: Calculus and Modern Analysis III
- MATH-261: Discrete Methods in Mathematics
- MATH-262: Probability and Statistics
- MATH-305: Abstract Algebra I
- MATH-497: Modern Mathematical Theory I (Writing Intensive)
- MATH-498: Senior Seminar/Modern Mathematical Theory II
- One additional course (3 credits) chosen from the following, which may not be offered every semester:
  - MATH-281: Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)
  - MATH-306: Abstract Algebra II
  - MATH-307: Differential Equations
  - MATH-321: Advanced Calculus
  - MATH-331: Mathematical Modeling
  - MATH-341: Introduction to Operations Research
  - MATH-342: Fundamentals of Geometry
  - MATH-481: Advanced Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)
- CMSC-190: Introduction to Programming Logic *
- CMSC-210: Programming in Java (4 credits)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-350: Computer Architecture and Logic Design (4 credits)
- Two additional courses (6 credits)** in Computer and Information Sciences chosen with an academic advisor from the following, which may not be offered every semester:
  
  - CMSC-205: Systems Analysis and Design
  - CMSC-280: Computer Science: History, Trends and Ethical Issues *(Writing Intensive)*
  - CMSC-281: Special Topics in Computer Science/Topics vary by semester *(Repeatable for credit)*
  - CMSC-285: Algorithms in AI and Robotics
  - CMSC-300: Application Development and Design
  - CMSC-310: Research Methods in Computer and Information Science
  - CMSC-321: Communications and Networks
  - CMSC-401: Internship in Computer Science
  - CMSC-405: Programming Languages
  - CMSC-481: Advanced Special Topics in CMSC/Topics vary by semester *(Repeatable for credit)*

*Students with previous programming experience should take CMSC-251 instead of CMSC-190.

** If CMSC-190 not taken, then three additional courses (9 credits) in CMSC-Computer and Information Sciences are chosen.

**Sample Bachelor of Science: Mathematical and Computer Sciences Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 16/17</th>
<th>Year Three Fall – 15</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH elective or 211</td>
<td>MATH-251</td>
<td>CMSC elective</td>
<td>MATH-497 (WI)</td>
</tr>
<tr>
<td>Language 103</td>
<td>MATH-261</td>
<td>MATH elective</td>
<td>MATH elective</td>
</tr>
<tr>
<td>CMSC-190 or 251</td>
<td>RLST-2XX</td>
<td>Ethics</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>GLST-201</td>
<td>WOK or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>CMSC-251 or WOK (4 cr)</td>
<td>Minor #3 or elective</td>
<td>CMSC-elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 13/14</th>
<th>Year Two Spring – 15/16*</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH elective or 212</td>
<td>MATH-252</td>
<td>MATH-262</td>
<td>MATH-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>MATH-305</td>
<td>CMSC-350 (4 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>RLST 104</td>
<td>WOK or elective</td>
<td>Public Speaking</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>CMSC-210 (4 cr)</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td>PHED #2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**
PSYCHOLOGY

JOSEPH MICUCCI, PhD, PROFESSOR OF PSYCHOLOGY, DIVISION CHAIR
LYNN BRANDSMA, PhD, ASSOCIATE PROFESSOR OF PSYCHOLOGY
JOSEPH DIORIO, PhD, ASSISTANT PROFESSOR OF PSYCHOLOGY
MEREDITH E. NEAVEL, PhD, ASSOCIATE PROFESSOR OF PSYCHOLOGY AND UNDERGRADUATE COORDINATOR
NANCY PORTER, PhD, ASSOCIATE PROFESSOR OF PSYCHOLOGY

Chestnut Hill College offers a Bachelor of Arts (BA) in Psychology; a dual degree (BA/MS) program in Counseling Psychology; and a minor in Psychology. Interested students should contact Lynn Brandsma, Room 3 St. Joseph Hall. Telephone: 215/248-7049. Email: brandsmal@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Departmental Mission

The Psychology Department offers courses that encompass the broad range of factors that shape human behavior. The influences related to biology, particularly the workings of the brain, from individual Psychological processes such as cognitions and emotions, and the effects of sociocultural surroundings are all considered as students are exposed to the great breadth of the field.

In addition, rigorous training in research methods prepares the students well for individual investigation and graduate study. Students also receive course credit for supervised field experiences through internships in their junior and senior years.

Advanced Placement

Students who have completed an Advanced Placement psychology course in high school may be eligible for to receive credit for a General Psychology course, depending on their performance on the Advanced Placement test. AP test scores of 3 or higher will be accepted as 3 credits for PSYC-101: General Psychology.

Honors and Honor Societies

The Psychology Department sponsors Psi Chi, the Psychology Honors Society and the Psychology Club. Members of both organizations jointly sponsor and partake in activities such as guest speakers, demonstrations, and entertaining events.

Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.)
All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Course Options
Courses open to students of any major to fulfill a Behavioral Way of Knowing, to meet a requirement in another major, or to pursue an interest in Psychology include the following, which may not be offered every semester; see Course Descriptions for Pre-Requisites:

- PSYC-101: General Psychology (*WOK: Behavioral*)
- PSYC-103: Psychology of Child Development (*WOK: Behavioral*)
- PSYC-104: Psychology of Adolescent Development (*WOK: Behavioral*)
- PSYC-107: Psychology of Adulthood and Aging (*WOK: Behavioral*)
- PSYC-109: Psychology of Women (*WOK: Behavioral*)
- PSYC-111: Industrial/Organizational Psychology (*WOK: Behavioral*)
- PSYC-202: Educational Psychology (*WOK: Behavioral*)
- PSYC-206: Theories of Personality (*WOK: Behavioral*)
- PSYC-207: Introduction to Cognitive Psychology (*WOK: Behavioral*)
- PSYC-210: Physiology of Behavior (*WOK: Behavioral*)
- PSYC-211: Sensation and Perception (*WOK: Behavioral*)
- PSYC-212: Social Psychology (*WOK: Behavioral*)
- PSYC-217: Abnormal Psychology (*WOK: Behavioral*)
- PSYC-223: Theory and Practice of Psychological Counseling (*WOK: Behavioral*)
- PSYC-225: Psychology and the Law (*WOK: Behavioral*)
- PSYC-230: Drugs and Behavior (*WOK: Behavioral*)
- PSYC-235: Forensic Psychology (*WOK: Behavioral*)
- PSYC-240: Psychology of Health, Stress, and Coping (*WOK: Behavioral*)
- PSYC-250: Motivation and Emotion (*WOK: Behavioral*)
- PSYC-281: Special Topics in Psychology/Topics vary by semester (*Repeatable for credit*)
- PSYC-301: Group Process and Leadership (*WOK: Behavioral*)
- PSYC-481: Advanced Special Topics in Psychology/Topics vary by semester (*Repeatable for credit*)

Psychology
Major in Psychology – 36 credits

Required in the Major:

- PSYC-101: General Psychology (*WOK: Behavioral*)
- PSYC-216: Quantitative Methods in Psychology
- PSYC-313: Research Design in Psychology
- PSYC-320: Psychological Measurement
- PSYC-498: Senior Seminar in Psychology

Four courses (12 credits) – one from each of the following Content Areas. Courses may not be offered every semester:

- Applied Psychology (one course, 3 credits):
  - PSYC-109: Psychology of Women
  - PSYC-111: Industrial/Organizational Psychology
- PSYC-202: Educational Psychology
- PSYC-212: Social Psychology
- PSYC-225: Psychology and the Law
- PSYC-235: Forensic Psychology
- PSYC-281: Special Topics in Psychology/Topics vary by semester (Repeatable for credit)
- PSYC-314: Undergraduate Research
- PSYC-481: Advanced Special Topics in Psychology/Topics vary by semester (Repeatable for credit)

**Clinical Psychology** (one course, 3 credits):
- PSYC-206: Theories of Personality
- PSYC-217: Abnormal Psychology
- PSYC-223: Theory and Practice of Psychological Counseling
- PSYC-301: Group Process and Leadership

**Developmental Psychology** (one course, 3 credits):
- PSYC-103: Psychology of Child Development
- PSYC-104: Psychology of Adolescent Development
- PSYC-107: Psychology of Adulthood and Aging

**Experimental Psychology** (one course, 3 credits):
- PSYC-207: Introduction to Cognitive Psychology
- PSYC-210: Physiology of Behavior
- PSYC-211: Sensation and Perception
- PSYC-230: Drugs and Behavior
- PSYC-240: Psychology of Health, Stress and Coping
- PSYC-250: Motivation and Emotion

Three additional courses (9 credits) chosen by the student from any of the above Content Areas.

**Sample Bachelor of Arts: Psychology Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 15/16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>PSYC Content Area</td>
<td>PSYC-216</td>
<td>PSYC-320</td>
</tr>
<tr>
<td>PSYC-101</td>
<td>PSYC Content Area</td>
<td>PSYC Elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>WOK or elective (WI)</td>
<td>PSYC Elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>PHED #2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring – 16</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 13</td>
</tr>
<tr>
<td>PSYC Content Area</td>
<td>PSYC Content Area</td>
<td>PSYC-313</td>
<td>PSYC-498</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>PSYC Elective</td>
<td>Public Speaking (1 cr)</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**
Minor in Psychology – 18 credits

The minor in Psychology is designed for students interested in becoming aware of issues in Psychology or in preparing for careers in human services or other mental health-related fields while pursuing another major. There is considerable flexibility in designing a minor that fits the student’s needs and desires. Because some courses have Pre-Requisites, are open to majors only, or are not offered every year, a student interested in a Psychology minor must be advised by the Psychology Department. Requirements:

- **PSYC-101: General Psychology (WOK: Behavioral)**
- One course (3 credits) chosen from each of the following **Content Areas**. Courses may not be offered every semester:
  - **Applied Psychology** (one course, 3 credits):
    - PSYC-109: Psychology of Women (WOK: Behavioral)
    - PSYC-111: Industrial/Organizational Psychology (WOK: Behavioral)
    - PSYC-202: Educational Psychology (WOK: Behavioral)
    - PSYC-212: Social Psychology (WOK: Behavioral)
    - PSYC-225: Psychology and the Law (WOK: Behavioral)
    - PSYC-235: Forensic Psychology (WOK: Behavioral)
    - PSYC-314: Undergraduate Research (WOK: Behavioral)
    - PSYC-481: Advanced Special Topics in Psychology/Topics vary by semester (Repeatable for credit.) (WOK: Behavioral)
  - **Clinical Psychology** (one course, 3 credits):
    - PSYC-206: Theories of Personality (WOK: Behavioral)
    - PSYC-217: Abnormal Psychology (WOK: Behavioral)
    - PSYC-223: Theory and Practice of Psychological Counseling (WOK: Behavioral)
    - PSYC-301: Group Process and Leadership (WOK: Behavioral)
  - **Developmental Psychology** (one course, 3 credits):
    - PSYC-103: Psychology of Child Development (WOK: Behavioral)
    - PSYC-104: Psychology of Adolescent Development (WOK: Behavioral)
    - PSYC-107: Psychology of Adulthood and Aging (WOK: Behavioral)
  - **Experimental Psychology** (one course, 3 credits):
    - PSYC-207: Introduction to Cognitive Psychology (WOK: Behavioral)
    - PSYC-210: Physiology of Behavior (WOK: Behavioral)
    - PSYC-211: Sensation and Perception (WOK: Behavioral)
    - PSYC-230: Drugs and Behavior (WOK: Behavioral)
    - PSYC-240: Psychology of Health, Stress and Coping (WOK: Behavioral)
    - PSYC-250: Motivation and Emotion (WOK: Behavioral)
- One additional courses (3 credits) chosen by the student from any of the above **Content Areas**.

Combined BA/MS in Psychology/MS in Counseling Psychology

The BA/MS Program in Counseling Psychology provides the opportunity for exceptionally qualified students to earn both a bachelor’s degree and a master’s degree. Unlike other combined programs which require students to complete undergraduate work before starting graduate work, this program allows study at undergraduate and graduate levels in a parallel format, creating a rewarding and challenging program to focused, qualified students.

Students who pursue the Combined Program in Psychology begin work on the M.S. degree while completing the requirements for the B.A. degree. Students take undergraduate courses and graduate
courses in a parallel fashion after completing 90 undergraduate credits. In order to earn the 90 undergraduate credits needed before beginning graduate courses, students will most likely need to take summer courses and/or an overload of credits during the academic year. This is a rigorous program and is open only to highly qualified students who meet these admission requirements:

- Entering freshmen or transfer students should contact their academic advisors no later than the end of their second semester of enrollment at CHC to discuss their interest in pursuing the BA/MS program.
- The academic advisor should contact the Coordinator of the Combined Program and inform the student that s/he should schedule a meeting with the Coordinator.
- Students who appear to be qualified to pursue application to the program will be advised of appropriate course scheduling and admission requirements by the Coordinator of the Combined Program. Students who do not appear to be on track to meet the admission requirements will be so advised.
- Students will be formally admitted to the program after all of the following have occurred:
  - Completion of a minimum of 90 undergraduate credits (30 of which must be completed at the College) with a Career GPA of 3.2 or above
  - Completion of a minimum of 24 credits in psychology, including PSYC-101, 206, and 217.
  - A minimum GPA of 3.50 in Psychology classes with no PSYC-Psychology course grade lower than B-
  - Formal admission to the School of Graduate Studies

To obtain more information about admission to the combined BA/MS Program in Counseling Psychology, please contact Lynn Brandsma, Room 3 St. Joseph Hall. Telephone: 215/248.7049. Email: brandsmal@chc.edu.

Sample Bachelor of Art/Master of Science: Psychology Major/selected minor/MS in Counseling Psychology

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall — 15/16</th>
<th>Year Two Fall — 15/16</th>
<th>Year Three Fall — 15/16</th>
<th>Year Four Fall — 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>PSYC Content Area</td>
<td>PSYC-216</td>
<td>PSYC-320</td>
</tr>
<tr>
<td>PSYC-101</td>
<td>PSYC Content Area</td>
<td>PSYC Elective</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Ethics</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>PSYC Elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
<td>FYIN-101*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring — 15/16</td>
<td>Year Two Spring — 16</td>
<td>Year Three Spring — 16</td>
<td>Year Four Spring — 13</td>
</tr>
<tr>
<td>PSYC Content Area</td>
<td>PSYC Content Area</td>
<td>PSYC-313</td>
<td>PSYC-498</td>
</tr>
<tr>
<td>RLST-2XX</td>
<td>PSYC Elective</td>
<td>PSYC Elective</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>WOK or elective</td>
<td>Public Speaking (1 cr)</td>
<td>Minor #1 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #1 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>Minor #1 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td></td>
<td>Minor #1 or elective</td>
<td>Elective (1 cr)</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for BA: 120**

**Minimum Academic Credits required for the MS: 48**
RELIGIOUS STUDIES and PHILOSOPHY

MARIE A. CONN, PhD, PROFESSOR OF RELIGIOUS STUDIES, CHAIR
CAROLYNNE ERVIN, MA, INSTRUCTOR OF RELIGIOUS STUDIES
CATHERINE LOOKER, SSJ, DMIN, ASSISTANT PROFESSOR OF RELIGIOUS STUDIES
PATRICK J. MCCAULEY, PhD, ASSISTANT PROFESSOR OF RELIGIOUS STUDIES
CATHERINE T. NERNY, SSJ, PhD, ASSOCIATE PROFESSOR OF RELIGIOUS STUDIES
MARY ELLEN O’DONNELL, PhD, ASSISTANT PROFESSOR OF RELIGIOUS STUDIES

Religious Studies

Chestnut Hill College offers minors in Religious Studies; Religious Studies and Philosophy, and Peace and Justice Studies, an interdisciplinary minor. A Certificate in Religious Studies for teachers and religious educators in parishes or parochial schools is also offered. Students who complete a Religious Studies minor earn the certificate automatically. Students who choose to pursue a Religious Studies or Religious Studies and Philosophy minor must complete an application form and confer with a faculty advisor. These forms may be obtained from Dr. Patrick McCauley, Room 370 Fournier Hall. Those who choose to pursue the interdisciplinary minor in Peace and Justice Studies may obtain the form from Dr. Marie Conn, Room 206 St. Joseph Hall. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minors and Certificates.

Religious Studies courses provide an opportunity for students to examine the nature of religious experience and belief. This exploration occurs within a theological framework designed to enable students to understand and articulate the central elements of the Christian faith tradition. At the same time, department members promote serious and critical conversation with students between this faith tradition and the questions and concerns arising from their lived experience and the needs of the world today. Students are also encouraged to investigate other religious traditions that provide a spiritual depth to the reality of the human experience.

Theta Alpha Kappa, the National Honor Society for Religious Studies and Theology, was established in 1976 for the purpose of recognizing the academic achievements of religion and theology students and the academic excellence of scholars in these fields. Induction into Theta Alpha Kappa requires nomination by the local chapter, a GPA of at least 3.50 in RLST-Religious Studies courses, and a Career GPA of at least 3.00.

Course Options/Core Requirements for All Students

An undergraduate student fulfills the Religious Studies requirement of the Core by successfully completing two Religious Studies courses. The first is RLST-104: The Religious Imagination, and the second course is any Religious Studies course at the 200-level. Most courses are designed for students who embrace the Christian faith tradition and belief system, while others are intended for those students who align themselves with no particular tradition, but who are invited to explore the nature of belief and religious experience as operative forces in human history and spirituality. Choices include the following, which are grouped by subject areas. Please note that some courses may not be offered every semester.

Religious Traditions:

- RLST-206: World Religions
- RLST-207: Contemporary Christian Living
- RLST-208: What Catholics Believe
Scripture Studies:
- RLST-209: Old Testament Studies
- RLST-211: Women in the Bible

Morality and Justice:
- RLST-216: Fundamental Moral Theology
- RLST-217: Contemporary Moral Issues
- RLST-218: Biomedical Moral Issues
- RLST-240: Introduction to Social Justice
- RLST-242: Women in Society and Religion

Doctrine and History:
- RLST-219: Theology of God
- RLST-220: Forgiveness and Reconciliation
- RLST-225: Catechesis and Religious Development
- RLST-241: Models and Mentors in Christian Tradition
- RLST-244: Global Theology and the Cry for Justice

Liturgy and Spirituality:
- RLST-222: Marriage and Family
- RLST-226: The Meaning of Death and Dying
- RLST-234: Sacraments and Spirituality
- RLST-235: Spirituality: A Life Journey

Interdisciplinary (student must register for both courses in the same semester/6 credits total):
- RLST-250: Heart of the City/RLST
- SOCI-250: Heart of the City/SOCI

Minor in Religious Studies with a Certificate in Religious Studies – 18 credits
The Minor in Religious Studies/Certificate in Religious Studies provides students a cross-section of theological topics intended to deepen their theological literacy and scholarship. Students who minor in Religious Studies work under the guidance of a member of the department. Please contact Patrick McCauley, Room 370 Fournier Hall. Telephone: 215/753-3657. Email: mccauleyp@chc.edu.
Requirements:
- RLST-104: The Religious Imagination
- Five 200-level Religious Studies courses (15 credits) chosen from the listing above. It is recommended that the student take at least one course from each of the following subject areas:
  - Religious Traditions
  - Scripture Studies
  - Morality and Justice
  - Doctrine and History
  - Liturgy and Spirituality

Certificate in Religious Studies – 18 credits
The Certificate in Religious Studies, designed for teachers and religious educators in parishes or parochial schools is issued to students completing the minor in Religious Studies, and is available to any non-matriculated students wishing to earn the Certificate for personal or professional reasons. Please contact Patrick McCauley, Room 370 Fournier Hall. Telephone: 215/753-3657. Email: mccauleyp@chc.edu.
Non-matriculated students should contact the Office of the Registrar for registration assistance. Phone: 215/248-7005. Fax: 215/242-7714. Email: registrar@chc.edu. **Requirements:**

- RLST-104: The Religious Imagination
- Five additional courses (15 credits) chosen from the above listing of 200-level Religious Studies courses

**Peace and Justice**

**Minor in Peace and Justice Studies** - 18 Credits

The goal of the minor is to ground students in issues of peace and justice through increased knowledge in areas such as non-violent social change, conflict resolution, and economic justice. Please contact Patrick McCauley, Room 370 Fournier Hall. Telephone: 215/753-3657. Email: mccauleyp@chc.edu.

**Requirements:**

- RLST-220: Forgiveness and Reconciliation
- RLST-244: Global Theology and the Cry for Justice
- CRJU-325: Restorative Justice
- SOCI-103: Social Problems (*WOK: Behavioral*)
- Two courses (6 credits) chosen from the following, which may not be offered every semester:
  - RLST-217: Contemporary Moral Issues
  - RLST-240: Introduction to Social Justice
  - RLST-250: Heart of the City/RLST and SOCI-250: Heart of the City/SOCI-(6 credits total)
  - SOCI-127: Ethnicity (*WOK: Behavioral*)
  - SOCI-200: World Justice and Care for Children (*WOK: Behavioral*)
  - CRJU-245: Inside-Out

**Philosophy**

The study of philosophy invites students to an intensely personal adventure: the pursuit of “the examined life.” By seeking acquaintance with great minds expressed in disciplined argument and in great literature, the philosophy curriculum stimulates creativity and encourages the student to develop a responsible, thoughtful worldview and a personal value system that can meet the challenges of life in the twenty-first century. For assistance, please contact Patrick McCauley, Room 370 Fournier Hall. Telephone: 215/753-3657. Email: mccauleyp@chc.edu.

**Course Options**

Students are encouraged to consult the with a faculty member to correlate their choice of philosophy courses with their major field of study. Student may choose from the following Philosophy, which may not be offered every semester:

- PHIL-110: Introduction to Philosophy: World Views (*WOK: Problem Solving/Writing Intensive*)
- PHIL-209: Philosophical Thinking
- PHIL-212: Introduction to Philosophy: Ethics (*WOK: Problem Solving/Writing Intensive*)
- PHIL-214: Introduction to Ethics and the Environment (*Writing Intensive*)
- PHIL-228: Introduction to Symbolic Logic

**Minor in Religious Studies and Philosophy** – 18 credits

Students who minor in Religious Studies and Philosophy also work under the guidance of a member of the department. **Requirements:**
- RLST-104: Religion and Culture
- Five additional courses (15 credits) chosen from the above listing of RLST-Religious Studies and PHIL-Philosophy courses with at least two courses (6 credits) in Philosophy.
Chestnut Hill College offers a Bachelor of Science (BS) in Sociology; a Bachelor of Science (BS) in Criminal Justice, and a Bachelor of Science (BS) in Human Services. Also offered is the combination BS in Human Services/MS in Human Services Administration. Minors are available in Sociology, Criminal Justice, Human Services, Women’s Studies and Gerontology. Interested students should contact John Kovach, 3rd Floor Fournier Hall. Telephone: 215/248-7192. Email: kovachj@chc.edu.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required in order to successfully complete the requirements for the Major. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor.

Departmental Mission
The goal of the Department of Sociology, Criminal Justice, and Human Services is to provide students a distinctive academic program that prepares them for immediate employment in related fields and/or admission to graduate programs or professional schools.

Through active, reflective learning, including opportunities for internships and other forms of experiential education, coursework empowers students to connect theory and practice, and to value the diversity of persons, perspectives, and cultures encountered in workplaces and communities. Courses are designed to prepare students to think critically and creatively about issues of social justice and social change, and to appreciate each person’s potential to contribute to a more just and humane world in the midst of profound societal changes.

Honors
Outstanding students may be invited to participate in the Departmental Honors program. Sophomores of high scholastic standing (a Career GPA of 3.50 or higher) may be invited by their major department to stand for Honors in their Junior and Senior years. The Departmental Honors program provides an opportunity for independent study and research culminating in an Honors thesis submitted in the spring of Senior year. (The beginning and completion dates of the Honors thesis for part-time students are determined on an individual basis.) All students who have successfully completed the Honors Program will be recognized with Honors in their major field at the annual Honors Convocation and on their academic transcripts. In addition, the title of the completed Honors Thesis appears on the academic transcript.

Course Options
In addition to courses for majors, there are many courses open to students of any major wishing to fulfill the Behavioral Way of Knowing or are interested in exploring personal interests without committing to a minor. The following are open to any undergraduate student meeting the Pre-Requisites-- check the course descriptions for additional information:
- CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
- CRJU-223: Criminal Law (WOK: Behavioral)
- CRJU-225: Criminal Procedure (WOK: Behavioral)
- CRJU-210: Gender and the Law (WOK: Behavioral)
- CRJU-220: Juvenile Justice (WOK: Behavioral)
- CRJU-224: Criminal Investigation
- CRJU-226: Deviance and Social Control (WOK: Behavioral)
- CRJU-227: Corrections (WOK: Behavioral)
- CRJU-230: Juvenile Delinquency (WOK: Behavioral)
- CRJU-245: Inside-Out
- CRJU-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
- CRJU-321: Criminology (WOK: Behavioral)
- CRJU-481: Advanced Special Topics in Criminal Justice/Topics vary by semester (Repeatable for credit)

- HSVC-105: Introduction to Human Services (WOK: Behavioral)
- HSVC-219: Child Welfare
- HSVC-250: Heart of the City/HSVC with SOCI-250: Heart of the City/SOCI (WOK: Behavioral)
- HSVC-257: Human Behavior and the Social Environment
- HSVC-281: Special Topics in Human Services/Topics vary by semester (Repeatable for credit)
- HSVC-481: Advanced Special Topics in Human Services/Topics vary by semester (Repeatable for credit)

- SOCI-101: Introduction to Sociology (WOK: Behavioral)
- SOCI-102: Sociology Through Film (WOK: Behavioral)
- SOCI-103: Social Problems (WOK: Behavioral)
- SOCI-104: Major Global Problems (WOK: Behavioral)
- SOCI-114: Social Gerontology (WOK: Behavioral)
- SOCI-125: The Family (WOK: Behavioral)
- SOCI-126: Gender and Society (WOK: Behavioral)
- SOCI-127: Ethnicity (WOK: Behavioral)
- SOCI-128: Rights, Responsibilities and Reform (WOK: Behavioral)
- SOCI-200: World Justice and Care for Children (WOK: Behavioral)
- SOCI-210: Gender and the Law (WOK: Behavioral)
- SOCI-211: Environmental Law (WOK: Behavioral)
- SOCI-215: Sociology of Death (WOK: Behavioral)
- SOCI-216: Sociology of Health and Medicine (WOK: Behavioral)
- SOCI-250: Heart of the City/SOCI with HSVC-250: Heart of the City/HSVC (WOK: Behavioral)
- SOCI-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
- SOCI-300: Sociological Theory (WOK: Behavioral)
- SOCI-481: Advanced Special Topics in Sociology/Topics vary by semester (Repeatable for credit)

Sociology
Major in Sociology – 30 credits

Required in the Major:
- SOCI-101: Introduction to Sociology (WOK: Behavioral)
- SOCI-201: Social Inequality *(Writing Intensive)*
- SOCI-300: Sociological Theory *(Writing Intensive)*
- SOCI-302: Social Science Research Methods
- SOCI-498: Senior Seminar in Sociology
- Five additional courses (15 credits) as electives in Sociology* chosen from the following, which may not be offered every semester:
  - SOCI-102: Sociology Through Film
  - SOCI-103: Social Problems
  - SOCI-104: Major Global Problems
  - SOCI-114: Social Gerontology
  - SOCI-125: The Family
  - SOCI-126: Gender and Society
  - SOCI-127: Ethnicity
  - SOCI-128: Rights, Responsibilities and Reform
  - SOCI-200: World Justice and Care for Children
  - SOCI-210: Gender and the Law
  - SOCI-211: Environmental Law
  - SOCI-215: Sociology of Death
  - SOCI-216: Sociology of Health and Medicine
  - SOCI-250: Heart of the City/SOCI with HSVC-250: Heart of the City/HSVC
  - SOCI-281: Special Topics in Sociology/Topics vary by semester *(Repeatable for credit)*
  - SOCI-303: Advanced Social Science Research Methods
  - SOCI-481: Advanced Special Topics in Sociology/Topics vary by semester *(Repeatable for credit)*

* Criminal Justice and Human Services courses may also satisfy this requirement; an advisor will assist in choosing appropriate courses.

**Sample Bachelor of Science: Sociology Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15</th>
<th>Year Three Fall – 13</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI-101 or 103</td>
<td>SOCI-201 (WI)</td>
<td>SOCI-300</td>
<td>SOCI elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>GLST-201</td>
<td>SOCI elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>SOCI elective</td>
<td>Minor #1 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>Language 103</td>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>FYIN-100*</td>
<td>Minor #2 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring – 15/16</th>
<th>Year Three Spring – 16</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI elective</td>
<td>SOCI elective</td>
<td>SOCI-302</td>
<td>SOCI-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>RLST-2XX</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>Ethics</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test *</td>
<td>PHED #2*</td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**
Minor in Sociology – 18 credits

Requirements:
- SOCI-101: Introduction to Sociology (WOK: Behavioral)
- SOCI-201: Social Inequality (WOK: Behavioral and Writing Intensive)
- SOCI-302: Social Science Research Methods
- Three courses (9 credits) as electives in Sociology* chosen from the following, which may not be offered every semester:
  - SOCI-102: Sociology Through Film
  - SOCI-103: Social Problems
  - SOCI-104: Major Global Problems
  - SOCI-114: Social Gerontology
  - SOCI-125: The Family
  - SOCI-126: Gender and Society
  - SOCI-127: Ethnicity
  - SOCI-128: Rights, Responsibilities and Reform
  - SOCI-200: World Justice and Care for Children
  - SOCI-210: Gender and the Law
  - SOCI-211: Environmental Law
  - SOCI-215: Sociology of Death
  - SOCI-216: Sociology of Health and Medicine
  - SOCI-250: Heart of the City/SOCI with HSVC-250: Heart of the City/HSVC
  - SOCI-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
  - SOCI-303: Advanced Social Science Research Methods
  - SOCI-481: Advanced Special Topics in Sociology/Topics vary by semester (Repeatable for credit)

* Criminal Justice and Human Services courses may also satisfy this requirement; an advisor will assist in choosing appropriate courses.

Criminal Justice

Major in Criminal Justice – 45 credits

Required in the Major:
- CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
- CRJU-223: Criminal Law
- CRJU-225: Criminal Procedure
- CRJU-321: Criminology
- CRJU-325: Restorative Justice
- CRJU-401: Internship in Criminal Justice
- CRJU-498: Senior Seminar in Criminal Justice
- Five additional courses (15 credits) in Criminal Justice * chosen from the following, which may not be offered every semester:
  - CRJU-201: Crime and Punishment through Film
  - CRJU-210: Gender and the Law
  - CRJU-220: Juvenile Justice
- CRJU-224: Criminal Investigation
- CRJU-226: Deviance and Social Control
- CRJU-227: Corrections
- CRJU-230: Juvenile Delinquency
- CRJU-245: Inside-Out
- CRJU-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
- CRJU-481: Advanced Special Topics in Criminal Justice/Topics vary by semester (Repeatable for credit)

- Choice of:
  - SOCI-101: Introduction to Sociology
  - OR
  - SOCI-103: Social Problems
- SOCI-201: Social Inequality (Writing Intensive)
- SOCI-302: Social Science Research Methods

Recommended, but not required:
- CHEM-106: Introduction to Forensic Science (4 credits) (WOK: Scientific)

*Sociology and Human Services courses may also satisfy this requirement; an advisor will assist in choosing appropriate courses.

Sample Bachelor of Science: Criminal Justice Major/selected minor (declaration of minor not required for graduation):
Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 14</th>
<th>Year Four Fall – 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJU-122</td>
<td>ENGL-101</td>
<td>CRJU-321</td>
<td>CRJU-498</td>
</tr>
<tr>
<td>Language 103</td>
<td>CRJU elective</td>
<td>WOK or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>GLST-201</td>
<td>Minor #1 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Public Speaking (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>WOK or elective (4 cr)</td>
<td>Elective (1 cr)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year One Spring – 15/16</th>
<th>Year Two Spring – 15/16</th>
<th>Year Three Spring – 15</th>
<th>Year Four Spring – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI-101 or 103</td>
<td>CRJU-225</td>
<td>SOCI-302</td>
<td>CRJU-325</td>
</tr>
<tr>
<td>CRJU elective</td>
<td>CRJU elective</td>
<td>CRJU elective</td>
<td>CRJU elective</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>Ethics</td>
<td>Minor #2 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

Minimum Academic Credits required for graduation: 120

Minor in Criminal Justice – 18 credits

Requirements:
- CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
- CRJU-223: Criminal Law (WOK: Behavioral)
- CRJU-225: Criminal Procedure
- CRJU-321: Criminology
- CRJU-401: Internship in Criminal Justice
- Choice of:
  - SOCI-101: Introduction to Sociology
  - OR
  - SOCI-201: Social Inequality (Writing Intensive)

**Human Services**

**Major in Human Services** – 45 credits

*Required in the Major:*
- HSVC-105: Introduction to Human Services *(WOK: Behavioral)*
- HSVC-257: Human Behavior and the Social Environment
- HSVC-303: Human Services Fieldwork with Seminar I
- HSVC-308: Theory and Practice of Counseling in Human Services
- HSVC-356: Social Welfare Policy
- HSVC-358: Human Service Methods
- HSVC-399: Administration of Human Services
- HSVC-403: Human Services Fieldwork with Seminar II
- HSVC-498: Senior Seminar in Human Services
- Two additional courses (6 credits) as electives in Human Services* chosen from the following, which may not be offered every semester:
  - HSVC-219: Child Welfare
  - HSVC-250: Heart of the City/HSVC with SOCI-250: Heart of the City/SOCI
  - HSVC-281: Special Topics in Human Services/Topics vary by semester *(Repeatable for credit)*
  - HSVC-481: Advanced Special Topics in Human Services/Topics vary by semester *(Repeatable for credit)*
- PSYC-101: General Psychology

*Choice of:*
- SOCI-101: Introduction to Sociology
  - OR
- SOCI-103: Social Problems
- SOCI-201: Social Inequality *(Writing Intensive)*
- SOCI-302: Social Science Research Methods

* Courses in either Criminal Justice or Sociology may also satisfy this requirement; an advisor will assist with choosing these courses.

**Sample Bachelor of Science: Human Services Major/selected minor (declaration of minor not required for graduation):**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSVC-105</td>
<td>HSVC-257</td>
<td>HSVC-303</td>
<td>HSVC-399</td>
</tr>
<tr>
<td>RLST-104</td>
<td>SOCI-201 (WI)</td>
<td>HSVC-358</td>
<td>HSVC-403</td>
</tr>
<tr>
<td>Language 103</td>
<td>GLST-201</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Elective (1 cr)</td>
<td>FYIN-101*</td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring – 13/14</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------</td>
<td>-----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>SOCI-101 or 103</td>
<td>HSVC-308</td>
<td>SOCI-302</td>
<td>HSVC-356</td>
</tr>
<tr>
<td>PSYC-101</td>
<td>HSVC elective</td>
<td>HSVC elective</td>
<td>HSVC-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>RLS-2XX</td>
<td>Minor #3 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td>Public Speaking (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Minimum Academic Credits required for graduation: 120**

**Minor in Human Services – 18 credits**

Requirements:
- HSVC-105: Introduction to Human Services (*WOK: Behavioral*)
- HSVC-257: Human Behavior and the Social Environment (*WOK: Behavioral*)
- HSVC-308: Theory and Practice of Counseling in Human Services
- HSVC-356: Social Welfare Policy
- HSVC-358: Human Service Methods
- HSVC-401: Human Services Internship

**Combined BS in Human Services/MS in Administration of Human Services Program**

BS in Human Services/MS in Administration of Human Services Program

The combined BS/MS program provides an excellent opportunity for qualified Human Services majors in the School of Undergraduate Studies to complete a Master of Science (MS) in Administration of Human Services in the School of Graduate Studies.

A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation. Courses **Required in the Major** comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses both **Required in the Major** and **Also Required** in order to successfully complete the requirements for the Major.

Students majoring in Human Services are eligible to apply to the combined degree program once they have successfully completed 90 credits. Students who transferred to the College must take a minimum of 15 credits in residence and earn a Career 3.00 GPA to be eligible to apply. Each student will be expected to meet the admissions requirements of the School of Graduate Studies. Students will be provisionally accepted into the program with formal acceptance granted upon verification of successful completion of the undergraduate degree program.

**Sample Bachelor of Science/Master of Science: Human Services Major/selected minor (declaration of minor not required for graduation)/MS in Administration of Human Services:**

Please note that this is a suggested academic plan only, it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall – 15/16</th>
<th>Year Two Fall – 15/16</th>
<th>Year Three Fall – 16</th>
<th>Year Four Fall – 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSVC-105</td>
<td>HSVC-257</td>
<td>HSVC-303</td>
<td>HSVC-399 or GAHS-510**</td>
</tr>
<tr>
<td>RLS-104</td>
<td>SOCI-201 (WI)</td>
<td>HSVC-358</td>
<td>HSVC-403</td>
</tr>
<tr>
<td>Language 103</td>
<td>GLST-201</td>
<td>Minor #1 or elective</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective</td>
<td>Ethics</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>FYIN-100*</td>
<td>FYIN-101*</td>
<td>Elective (1 cr)</td>
<td></td>
</tr>
<tr>
<td>Year One Spring – 15/16</td>
<td>Year Two Spring – 13/14</td>
<td>Year Three Spring – 16</td>
<td>Year Four Spring – 15</td>
</tr>
<tr>
<td>------------------------</td>
<td>-------------------------</td>
<td>-----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>SOCI-101 or 103</td>
<td>HSVC-308</td>
<td>SOCI-302</td>
<td>HSVC-356 or GAHS-550**</td>
</tr>
<tr>
<td>PSYC-101</td>
<td>HSVC elective</td>
<td>HSVC elective</td>
<td>HSVC-498</td>
</tr>
<tr>
<td>ILAR-101</td>
<td>RLSST-2XX</td>
<td>Minor #3 or elective</td>
<td>Minor #6 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>WOK or elective (4 cr)</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1*</td>
<td>PHED #2*</td>
<td>Public Speaking (1 cr)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>Swim Test*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Non-academic credit – these courses do not apply towards the minimum required for graduation.

**Students in the combined program will be advised that two core courses can be substituted from the GAHS-graduate course options noted.

**Minimum Academic Credits required for BS: 120
Minimum Academic Credits required for the MS: 33

**Gerontology**

Minor in Gerontology – 18 credits

The interdisciplinary minor in Gerontology is open to students of any major and is designed to prepare individuals for positions in agencies and institutions that administer health and community-based services for older persons, such as nursing homes, hospitals, senior citizen centers, hospice care, recreation, and counseling services. The program serves to enhance the knowledge base and skills of persons currently engaged in the provision of such services, or those who are preparing to work in these areas. The internship experience is developed for each student according to his/her specific interests and career goals. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Interested students should contact Nancy DeCesare, SSJ, Room 202 St. Joseph Hall. Telephone: 215/248-7028. Email: decesaren@chc.edu for information and registration guidance. Requirements:

- PSYC-107: Psychology of Adulthood and Aging (WOK: Behavioral)
- SOCI-114: Social Gerontology (WOK: Behavioral)
- GERI-401: Gerontology Internship
- GERI-498: Gerontology Seminar
- Two additional courses (6 credits) chosen with assistance from the assigned minor advisor.

**Women’s Studies**

Minor in Women’s Studies – 18 credits

Chestnut Hill College offers a number of courses that focus on women in a variety of disciplines including Art History, English, Foreign Language, History, Music, Psychology, Religious Studies and Sociology. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Minor. Contact Lorraine Coons, Room 377 Fournier Hall, or Nancy Porter, Room 14 St. Joseph Hall for assistance with this minor. Requirements:

- Six courses (18 credits) chosen in conjunction with an academic advisor and selected from the following departments:
  - ARTH-Art History
  - ENGL-English
  - HIST-History
  - MUSC-Music
  - PSYC-Psychology
  - RLSST-Religious Studies
  - SOCI-Sociology
  - Foreign Language
Intercultural Foundations

Certificate in Intercultural Foundations – 18 credits (plus non-academic requirements)

The Certificate in Intercultural Foundations is available to students in any major. This program fosters an understanding and appreciation of cultural difference in both domestic and international contexts. The Certificate in Intercultural Foundations responds to the growing need to prepare our students to live and work in an increasingly diverse and globally interconnected world. The program is designed to challenge students at Chestnut Hill College to engage in significant educational and service activities that invite students to immerse themselves in cultural realities that, and interact with people who, are significantly “other” in relation to them. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Certificate. Interested students should contact Tia Pratt, Adjunct Coordinator of the Certificate in Intercultural Foundations. Email: prattt@chc.edu.

Culture consists of sets of relationships that construct identity (who I/we are in the world), epistemological systems (how I/we know our various world(s) and peoples) and meaning (how I/we are to be in the world and what various world(s) mean to me/us). Students skilled at reading, understanding, responding to and reveling in the cultural flux and mix of our contemporary times will be sought out by institutions and enterprises striving to serve the peoples of the 21st century.

To earn the certificate a student must complete the six courses that form the program; attend two of three workshops; engage in five fieldwork experiences, and complete a self-assessment project charting one’s progress and growth in intercultural awareness through the program, while demonstrating the integration of fieldwork experiences into his/her development as a person able to deal creatively, compassionately and competently in our evermore multi-cultural world.

After completing the course work, workshops and fieldwork experiences, students will be required to submit a five to seven page reflection paper demonstrating their growth in intercultural awareness and appreciation. Special attention will be paid to cultural anthropology’s prime methodological procedure, i.e., participant observation, calling on the students to explicate the ways in which personal experience and interactions with persons considered culturally “other” in relation to themselves impacted their experience of the program. The Association of American Colleges and Universities Intercultural Knowledge and Competence VALUE Rubric will guide the students in writing the reflection paper.

Academic Requirements:

- RLST-101: The Religious Imagination
- GLST-201: Global Studies/any topic
- SOCI-255: Culture and Society
- Three courses (9 credits) selected from the following, which may not be offered every semester:
  - COMM-210: Interpersonal Communication
  - MGMT-304: Culture in International Business
  - PSCI-130: The Rule of Law
  - PSCI -230: Introduction to Comparative Politics/Governmental Systems
  - PSCI -232: Comparative Democracy
  - PSCI -330: Government and Politics of the Middle East
  - SOCI-127: Ethnicity
- SOCI-201: Social Inequality
- A course chosen in consultation with the Director of the Certificate in Intercultural Foundations.

Non-academic requirements:
- ICFC-101: Intercultural Foundations Workshop I (.5 credit)
- ICFC-102: Intercultural Foundations Workshop II (.5 credit)
- ICFC-201: Intercultural Foundations Fieldwork I (.5 credit)
- ICFC-202: Intercultural Foundations Fieldwork II (.5 credit)
- ICFC-203: Intercultural Foundations Fieldwork III (.5 credit)
- ICFC-204: Intercultural Foundations Fieldwork IV (.5 credit)
- ICFC-205: Intercultural Foundations Fieldwork V (.5 credit)
- ICFC-301: Reflection and Self-Assessment (.5 credit)
The Interdisciplinary Honors Program (IDHP) challenges highly qualified students to pursue a creatively different approach to the liberal arts. The program offers seminars that promote liberal education by stressing interconnections among different fields of study and by challenging students and faculty alike to learn and to teach. These seminars are reading- and writing-intensive and emphasize discussion, intellectual independence, and integration of knowledge. Interested students should contact Kathleen Duffy, SSJ, Room 4 St. Joseph Hall. Telephone: 215/248.7197. Email: kduffy@chc.edu.

All Honors seminars are co-taught by faculty members from different disciplines and are conducted primarily by group discussion. To insure fresh and appealing choices for all students in the Program, seminars are rotated on a regular basis, and each Honors seminar is offered for a maximum of three years.

The Interdisciplinary Honors Program consists of 21 credits: the three-credit Writing in the Disciplines (IDHP-200), and three two-semester Honors seminars. Completion of the program fulfills the following elements of the core curriculum: all of the Ways of Knowing courses except the two in Scientific Perspectives; the core seminars ILAR-101 and GLST-201; and the writing intensive course. For seminars that include a religious studies or scientific component, that seminar may be substituted for one of the two courses required in that area; in this case, an additional Ways of Knowing course is required. An advantage of this program is that a fewer number of credits than usual is required to fulfill the core requirements of the College.

Students not in the Honors Program who would like to take a specific seminar may contact the Director; however, preference is given to students pursuing the complete program.

Sample IDHP program:
Please note that this is a suggested academic plan only; it is not meant to address each student’s individual requirements or interests. Students will develop a personalized academic plan with a faculty advisor however, it is the student’s responsibility to be aware of, register for, and successfully complete all of the requirements for graduation in the major.

<table>
<thead>
<tr>
<th>Year One Fall —</th>
<th>Year Two Fall —</th>
<th>Year Three Fall —</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHDP-200</td>
<td>IDHP Seminar</td>
<td>IDHP Seminar</td>
</tr>
<tr>
<td>IHDP Seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FYIN-100*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year One Spring —</td>
<td>Year Two Spring —</td>
<td>Year Three Spring —</td>
</tr>
<tr>
<td>IDHP Seminar</td>
<td>IDHP Seminar</td>
<td>IDHP Seminar</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**PHYSICAL EDUCATION**

**Janice Rensimer Kuklick, MEEd, Associate Professor of Physical Education, Chair**

The Physical Education Department offers a program of activities that gives the student an opportunity to develop skills in various aspects of Physical Education as well as improving health and quality of life with physical activity. Please contact Janice Kuklick in the Sorgenti Arena for more information about this program. Telephone: 215/248.7108. Email: jkuklick@chc.edu. Courses are 3 credits unless indicated.

All PHED-Physical Education and VARS-Varsity Sports courses are Non-academic and the credits do not count towards the minimum required for graduation however, in order to fulfill the Core requirements for graduation, all students must pass two semesters of Physical Education as well as a Swim Test in the College pool. PHED-Physical Education activities offered vary from semester-to-semester and courses include:

- PHED-108: Body Sculpt (1 credit)
- PHED-113: Fitness Swim (1 credit)
- PHED-115: Beginner Swim (1 credit)
- PHED-117: Karate (1 credit)
- PHED-118: Hip Hop
- PHED-123: Pilates/Fitness Ball/Yoga (1 credit)
- PHED-126: Lifeguarding (1 credit)
- PHED-143: Tennis, Badminton and/or Pickle Ball (1 credit)
- PHED-145: Aquatics Boot Camp (1 credit)
- PHED-162: SCUBA Open Water (1 credit)

Participation in a Varsity Sport can be used to meet the Physical Education requirement, provided the student completes the season. Courses are non-academic; credits do not count towards the minimum required for graduation. Not all VARS-Varsity Sports are played every semester. Check with the Athletic Department for additional information on the following:

- VARS-100: Varsity Sports Team Participation/Women's Soccer (1 credit)
- VARS-101: Varsity Sports Team Participation/Men's Soccer (1 credit)
- VARS-102: Varsity Sports Team Participation/Women's Tennis (1 credit)
- VARS-103: Varsity Sports Team Participation/Men's Tennis (1 credit)
- VARS-104: Varsity Sports Team Participation/Women's Cross Country (1 credit)
- VARS-105: Varsity Sports Team Participation/Men's Cross Country (1 credit)
- VARS-106: Varsity Sports Team Participation/Women's Volleyball (1 credit)
- VARS-107: Varsity Sports Team Participation/Women's Basketball (1 credit)
- VARS-108: Varsity Sports Team Participation/Men's Basketball (1 credit)
- VARS-109: Varsity Sports Team Participation/Women's Lacrosse (1 credit)
- VARS-110: Varsity Sports Team Participation/Men's Lacrosse (1 credit)
- VARS-111: Varsity Sports Team Participation/Women's Softball (1 credit)
- VARS-112: Varsity Sports Team Participation/Men's Baseball (1 credit)
- VARS-113: Varsity Sports Team Participation/Women's Golf (1 credit)
- VARS-114: Varsity Sports Team Participation/Men's Golf (1 credit)
**Personal Training**

**Personal Training Certification Preparation Program**

This is a four-course program to prepare interested students in National Council of Strength and Fitness Certification in Personal Training. Students may take only one or two of the courses depending on interest.

- PTCP-116: Functional Body Works (4 credits) (*WOK: Scientific*)
- PTCP-117: Science of Exercise (4 credits) (*WOK: Scientific*)
- PTCP-118: Personal Training Concepts (4 credits) (*WOK: Scientific*)
- PTCP-401: Internship in Personal Training
# Chestnut Hill College Directory

For a listing of all College faculty and staff with contact information, please see the College website.

**OFFICE OF THE PRESIDENT**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Carol Jean Vale, SSJ, PhD</td>
</tr>
<tr>
<td>Executive Assistant to the President</td>
<td>Regina Bernhardt, AS</td>
</tr>
<tr>
<td>Assistant to the President for Administration and Special Projects</td>
<td>Kathryn Miller, SSJ, PhD</td>
</tr>
<tr>
<td>Assistant to the President for Mission and Ministry</td>
<td>Mary Darrah, SSJ, MA</td>
</tr>
<tr>
<td>Chaplain</td>
<td>Rev. Raymond Tribuliani, MDiv</td>
</tr>
<tr>
<td>Director of Campus Ministry</td>
<td>Mindy Welding, IHM, MA, MS</td>
</tr>
<tr>
<td>Assistant Director of Campus Ministry</td>
<td>Michelle Lesher, SSJ, BA</td>
</tr>
</tbody>
</table>

**OFFICE OF ACADEMIC AFFAIRS**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vice President for Academic Affairs and Dean of the Faculty</td>
<td>Kenneth J. Soprano, PhD</td>
</tr>
<tr>
<td>Executive Assistant to the Vice President</td>
<td>Donna T. Smith, BA</td>
</tr>
<tr>
<td>Dean of the School of Undergraduate Studies (SUS)</td>
<td>Cecelia J. Cavanaugh, SSJ, PhD</td>
</tr>
<tr>
<td>Assistant to the Dean</td>
<td>Kathleen Letts, SSJ, MS, MA</td>
</tr>
<tr>
<td>Administrative Assistant to the Dean</td>
<td>Susanne Harkins</td>
</tr>
<tr>
<td>Director of Academic Advising</td>
<td>Gale Carlin, MS</td>
</tr>
<tr>
<td>Director of Music</td>
<td>Kathleen McCloskey, SSJ, MMEd</td>
</tr>
<tr>
<td>Director of Student Learning Services</td>
<td>Leslie Wilson, MA</td>
</tr>
</tbody>
</table>

**Department Chairs**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair of Religious Studies and Philosophy</td>
<td>Marie Conn, PhD</td>
</tr>
<tr>
<td>Chair of History and Political Science</td>
<td>Lorraine Coons, PhD</td>
</tr>
<tr>
<td>Chair of Education</td>
<td>Carol Pate, PhD</td>
</tr>
<tr>
<td>Chair of Sociology, Human Services and Criminal Justice</td>
<td>John Kovach, PhD</td>
</tr>
<tr>
<td>Acting Chair of Business</td>
<td>Garry Flower, MBA, CPA</td>
</tr>
<tr>
<td>Chair of Foreign Language and Literature</td>
<td>Mary Helen Kashuba, SSJ, DML</td>
</tr>
<tr>
<td>Chair of Physical Education</td>
<td>Janice Kuklick, MEd</td>
</tr>
<tr>
<td>Chair, Division of Natural Sciences and Chair of Biology</td>
<td>Joseph Kulkosky, PhD</td>
</tr>
<tr>
<td>Chair of English and Communications</td>
<td>Barbara Lonnquist, PhD</td>
</tr>
<tr>
<td>Chair of Art, Art History, and Music</td>
<td>Kathleen McCloskey, SSJ, MMEd</td>
</tr>
<tr>
<td>Chair of Computer Science and Information Technology</td>
<td>Lisa Olivieri, SSJ, PhD</td>
</tr>
<tr>
<td>Coordinator of Undergraduate Education</td>
<td>Margery Covello, EdD</td>
</tr>
<tr>
<td>Coordinator of Interdisciplinary Honors Program</td>
<td>Kathleen Duffy, SSJ, PhD</td>
</tr>
<tr>
<td>Coordinator of Undergraduate Psychology</td>
<td>Meredith Kneavel, PhD</td>
</tr>
<tr>
<td>Coordinator of Communications</td>
<td>Kimberly Leahy, PhD</td>
</tr>
<tr>
<td>Coordinator of Writing Program</td>
<td>Keely McCarthy, PhD</td>
</tr>
<tr>
<td>Vice Chair, Division Natural Sciences/Director of Chemistry and Physics</td>
<td>Kelly Butler, PhD</td>
</tr>
<tr>
<td>Coordinator of Mathematics</td>
<td>Merilyn Ryan, SSJ, PhD</td>
</tr>
<tr>
<td>Coordinator of Global Studies</td>
<td>Jacqueline Reich, PhD</td>
</tr>
<tr>
<td>Coordinator of Introduction to the Liberal Arts (ILAR)</td>
<td>Kathleen Szpila, SSJ, PhD</td>
</tr>
<tr>
<td>Position</td>
<td>Name</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Dean of the School of Continuing and Professional Studies (SCPS)</td>
<td>Elaine R. Green, EdD</td>
</tr>
<tr>
<td>Director of ACCELERATED Programs</td>
<td>Walter Childs, MBA</td>
</tr>
<tr>
<td>Dean of the School of Graduate Studies</td>
<td>Steven Guerriero, PhD</td>
</tr>
<tr>
<td>Assistant to the Dean</td>
<td>MaryBeth R. O’Neill, MS</td>
</tr>
<tr>
<td><strong>Graduate Program Chairs</strong></td>
<td></td>
</tr>
<tr>
<td>Chair of Division of Psychology and Director of the Psy.D Program</td>
<td>Joseph A. Micucci, PhD, ABPP</td>
</tr>
<tr>
<td>Chair of Education</td>
<td>Carol M. Pate, EdD</td>
</tr>
<tr>
<td>Chair of Holistic Spirituality Programs</td>
<td>Marie A. Conn, PhD</td>
</tr>
<tr>
<td>Coordinator of Holistic Spirituality and Spiritual Direction Practicums</td>
<td>Carolynne Ervin, MA</td>
</tr>
<tr>
<td>Coordinator of Administration of Human Services</td>
<td>Elaine R. Green, EdD</td>
</tr>
<tr>
<td>Coordinator of Administration of Human Services</td>
<td>Barbara Hogan, PhD</td>
</tr>
<tr>
<td>Coordinator of Masters Program in Clinical and Counseling Psychology</td>
<td>David Borsos, PhD</td>
</tr>
<tr>
<td>Administrator of Clinical and Counseling Psychology/DeSales University</td>
<td>Jennifer Bradley, PhD</td>
</tr>
<tr>
<td>Coordinator of Instructional Technology</td>
<td>Ralph Swan, PhD</td>
</tr>
<tr>
<td>Dean for Library and Information Resources</td>
<td>Mary Josephine Larkin, SSJ, MS</td>
</tr>
<tr>
<td>Registrar</td>
<td>Deborah A. Ebbert, MA, MS</td>
</tr>
<tr>
<td>Assistant Registrar</td>
<td>Theresa Marshall, BA</td>
</tr>
<tr>
<td>Associate Registrar, School of Graduate Studies</td>
<td>Ann McAdams, SSJ, MEd</td>
</tr>
<tr>
<td>Associate Registrar, School of Undergraduate Studies</td>
<td>Michael Reig, JD</td>
</tr>
<tr>
<td>Assistant to the Registrar, School of Continuing and Professional</td>
<td>Marie Scheetz</td>
</tr>
<tr>
<td>Assistant to the Registrar</td>
<td>Betsy Schneider, SSJ, MEd</td>
</tr>
<tr>
<td>Dean for College Enrollment</td>
<td>Jodie King, MS</td>
</tr>
<tr>
<td>Director of Technology for College Enrollment and Financial Aid</td>
<td>Brian O’Neill, BS</td>
</tr>
<tr>
<td>Acting Director of Admissions, School of Undergraduate Studies</td>
<td>Lori Bocuzzi, MS</td>
</tr>
<tr>
<td>Director of Admissions, School of Continuing and Professional Studies</td>
<td>Mary Esther Lee, SSJ, MA</td>
</tr>
<tr>
<td>Director of Admissions, School of Graduate Studies</td>
<td>Jayne Mashett, BA</td>
</tr>
<tr>
<td>Director of Psy.D Admissions and Assistant to the Chair</td>
<td>Eileen Webb, BA</td>
</tr>
<tr>
<td>Director of International Student Services</td>
<td>James McLaughlin, MS</td>
</tr>
<tr>
<td>Director of Institutional Research</td>
<td>Patricia O’Donnell, SSJ, PhD</td>
</tr>
<tr>
<td>Director of Campus Store</td>
<td>Robert Hughes</td>
</tr>
<tr>
<td><strong>OFFICE OF STUDENT LIFE and ATHLETICS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Vice President for Student Life</strong></td>
<td>Lynn Ortale, PhD</td>
</tr>
<tr>
<td>Assistant to the Vice President</td>
<td>Christina Hopely, MS</td>
</tr>
<tr>
<td>Dean of Student Life</td>
<td>Krista Bailey Murphy, MA</td>
</tr>
<tr>
<td>Director of Student Activities</td>
<td>Kimberly Cooney, MS</td>
</tr>
<tr>
<td>Assistant Director of Student Activities</td>
<td>Emily Schademian, BA</td>
</tr>
<tr>
<td>Director of Parent and Family Relations</td>
<td>Alma Rose Schlosser, SSJ, MM</td>
</tr>
<tr>
<td>Director of Residence Life</td>
<td>Jennifer Thorpe, MS</td>
</tr>
<tr>
<td>Position</td>
<td>Name</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Assistant Director of Residence Life</td>
<td>Kerry Rusak, MS</td>
</tr>
<tr>
<td>Resident Coordinator</td>
<td>Katherine Bogel, TBA</td>
</tr>
<tr>
<td>Resident Coordinator</td>
<td>Eric Drinks, BS</td>
</tr>
<tr>
<td>Resident Coordinator</td>
<td>Rachel Mingle, BA</td>
</tr>
<tr>
<td>Resident Coordinator</td>
<td>Callie Rimpf, BA</td>
</tr>
<tr>
<td>Director of Career Development</td>
<td>Nancy Dachille, MEd</td>
</tr>
<tr>
<td>Assistant Director of Career Development</td>
<td>Ashley Reichenbach, MA</td>
</tr>
<tr>
<td>Director for Service Learning</td>
<td>Ryan P. Murphy, MS</td>
</tr>
<tr>
<td>Student Life Assistant</td>
<td>MacKenzie Lovell, BA</td>
</tr>
<tr>
<td>Director of Health Services</td>
<td>Shannon Roberts, RN, BS</td>
</tr>
<tr>
<td>Director of the Counseling Center</td>
<td>Sheila Kennedy, SSJ, PhD</td>
</tr>
<tr>
<td>Counselor</td>
<td>Sandra Burmgardner, PsyD</td>
</tr>
<tr>
<td>Counselor</td>
<td>Lisa Johnson, PsyD</td>
</tr>
<tr>
<td>Director of Safety and Security</td>
<td>Ray Hallman, MBA</td>
</tr>
<tr>
<td>Director of Dining Services</td>
<td>Patrick Flanagan</td>
</tr>
<tr>
<td>Director of Housekeeping</td>
<td>Frank Davis</td>
</tr>
<tr>
<td>Coordinator of Facilities Rental</td>
<td>Ursula Lavin</td>
</tr>
<tr>
<td>Director of Athletics and Recreation</td>
<td>Lynn Tubman, MEd</td>
</tr>
<tr>
<td>Assistant Athletic Director/Compliance/SWA/Head Athletic Trainer</td>
<td>Denise Wisniewski, MEd</td>
</tr>
<tr>
<td>Assistant Athletic Director/Griffin Camp Coordinator</td>
<td>Albert Stroble, MEd</td>
</tr>
<tr>
<td>Assistant Athletic Director/Operations</td>
<td>Jesse Balcer, BS</td>
</tr>
<tr>
<td>Assistant Athletic Director/Community Engagement and Academic Adv.</td>
<td>Denise Poole, MS</td>
</tr>
<tr>
<td>Head Athletic Trainer/Fitness Center Coordinator</td>
<td>Erin Fidler, MEd</td>
</tr>
<tr>
<td>Assistant Athletic Trainer</td>
<td>Mindy D’Auria, MA ATC</td>
</tr>
<tr>
<td>Athletic Communications/Community Outreach Coordinator</td>
<td>Greg Gornick, BS</td>
</tr>
<tr>
<td>OFFICE OF INFORMATION TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>VICE PRESIDENT FOR INFORMATION TECHNOLOGY and CHIEF INFORMATION OFFICER</td>
<td>George P. McKenna, PhD</td>
</tr>
<tr>
<td>Help Desk Coordinator/Administrative Assistant to the Vice President</td>
<td>Kristen Dittrich, BA</td>
</tr>
<tr>
<td>Director of Technical Services</td>
<td>Paul Suarez, MA</td>
</tr>
<tr>
<td>OFFICE OF FINANCIAL AFFAIRS</td>
<td></td>
</tr>
<tr>
<td>VICE PRESIDENT FOR FINANCIAL AFFAIRS</td>
<td>Lauri Strimkovsky, MBA</td>
</tr>
<tr>
<td>Executive Assistant to the Vice President</td>
<td>Marjorie Keenan, SSJ, MA</td>
</tr>
<tr>
<td>Controller</td>
<td>Michael Gavanus, MBA</td>
</tr>
<tr>
<td>Manager of Student Accounts</td>
<td>Bernadette Smith</td>
</tr>
<tr>
<td>Director of Human Resources</td>
<td>Michele Mocarsky, BA, PHR</td>
</tr>
<tr>
<td>Director of Financial Aid</td>
<td>Nicholas Flocco, MBA</td>
</tr>
<tr>
<td>Associate Director of Financial Aid</td>
<td>Kristina Wilhelm-Nelson, MS</td>
</tr>
<tr>
<td>Associate Director of Financial Aid</td>
<td>Melissa Dunn, MS</td>
</tr>
<tr>
<td>Position</td>
<td>Name</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Director of Facilities</td>
<td>Mark McGrath</td>
</tr>
<tr>
<td>OFFICE OF INSTITUTIONAL ADVANCEMENT</td>
<td></td>
</tr>
<tr>
<td>VICE PRESIDENT FOR INSTITUTIONAL ADVANCEMENT</td>
<td>Kenneth M. Hicks, MBA</td>
</tr>
<tr>
<td>Executive Assistant to the Vice President</td>
<td>Barbara Reiter, MS</td>
</tr>
<tr>
<td>Director of Advancement Services</td>
<td>Joseph A. Martino, MBA</td>
</tr>
<tr>
<td>Director of Alumni Relations</td>
<td>Patricia M. Canning, MA</td>
</tr>
<tr>
<td>Director of Development</td>
<td>Catherine E. Quinn, MA</td>
</tr>
<tr>
<td>Director of Planned Giving</td>
<td>Mary Theresa Shevland, SSJ, MA</td>
</tr>
<tr>
<td>Director of Communications</td>
<td>Kathleen M. Spigelmyer, BS</td>
</tr>
</tbody>
</table>
Frequently Asked Questions

Q: How do I find a course in.../What do those course prefixes mean?
A: Use this handy table:

<table>
<thead>
<tr>
<th>Department Name</th>
<th>Abbreviated:</th>
<th>Page:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>ACCT</td>
<td>74</td>
</tr>
<tr>
<td>Art History</td>
<td>ARTH</td>
<td>65</td>
</tr>
<tr>
<td>Art Studio</td>
<td>ARTS</td>
<td>65</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL</td>
<td>139</td>
</tr>
<tr>
<td>Business</td>
<td>BADM/BUSN</td>
<td>73</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHEM</td>
<td>146</td>
</tr>
<tr>
<td>Chinese</td>
<td>CHIN</td>
<td>118</td>
</tr>
<tr>
<td>Classical Civilizations</td>
<td>CLCV</td>
<td>124</td>
</tr>
<tr>
<td>Communications</td>
<td>COMM</td>
<td>112</td>
</tr>
<tr>
<td>Computer and Information Sciences</td>
<td>CMSC</td>
<td>86</td>
</tr>
<tr>
<td>Computers and Information Technology</td>
<td>CMTC</td>
<td>87</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>CRJU</td>
<td>171</td>
</tr>
<tr>
<td>Economics</td>
<td>ECON</td>
<td>78</td>
</tr>
<tr>
<td>Education</td>
<td>EDUC</td>
<td>96</td>
</tr>
<tr>
<td>English</td>
<td>ENGL</td>
<td>104</td>
</tr>
<tr>
<td>Finance</td>
<td>FINA</td>
<td>73</td>
</tr>
<tr>
<td>First-Year Initiative</td>
<td>FYIN</td>
<td>41</td>
</tr>
<tr>
<td>French</td>
<td>FREN</td>
<td>118</td>
</tr>
<tr>
<td>German</td>
<td>GERM</td>
<td>118</td>
</tr>
<tr>
<td>Global Studies</td>
<td>GLST</td>
<td>38</td>
</tr>
<tr>
<td>History</td>
<td>HIST</td>
<td>127</td>
</tr>
<tr>
<td>Human Services</td>
<td>HSVC</td>
<td>173</td>
</tr>
<tr>
<td>Intercultural Foundations Certificate</td>
<td>ICFC</td>
<td>177</td>
</tr>
<tr>
<td>Interdisciplinary Honors Program</td>
<td>IDHP</td>
<td>178</td>
</tr>
<tr>
<td>Internat’l Business, Language, Culture</td>
<td>JBLC</td>
<td>79</td>
</tr>
<tr>
<td>Introduction to the Liberal Arts</td>
<td>ILAR</td>
<td>38</td>
</tr>
<tr>
<td>Italian</td>
<td>ITAL</td>
<td>118</td>
</tr>
<tr>
<td>Latin</td>
<td>LATN</td>
<td>124</td>
</tr>
<tr>
<td>Learning Strategies</td>
<td>LSTR</td>
<td>41</td>
</tr>
<tr>
<td>Management</td>
<td>MGMT</td>
<td>75</td>
</tr>
<tr>
<td>Marketing</td>
<td>MKTG</td>
<td>77</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MATH</td>
<td>154</td>
</tr>
<tr>
<td>Music</td>
<td>MUSC</td>
<td>65</td>
</tr>
<tr>
<td>Music Education</td>
<td>MUSE</td>
<td>66</td>
</tr>
<tr>
<td>Music Lessons for Majors</td>
<td>MUSA</td>
<td>67</td>
</tr>
<tr>
<td>Music Lessons for Non-Majors</td>
<td>MUSL</td>
<td>67</td>
</tr>
<tr>
<td>Music Performance</td>
<td>MUSP</td>
<td>68</td>
</tr>
<tr>
<td>Personal Training Certification Program</td>
<td>PTCP</td>
<td>178</td>
</tr>
<tr>
<td>Course</td>
<td>Code</td>
<td>Credit</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>Philosophy</td>
<td>PHIL</td>
<td>165</td>
</tr>
<tr>
<td>Physical Education</td>
<td>PHED</td>
<td>178</td>
</tr>
<tr>
<td>Physics</td>
<td>PHYS</td>
<td>146</td>
</tr>
<tr>
<td>Political Science</td>
<td>PSCI</td>
<td>133</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSYC</td>
<td>160</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>RLST</td>
<td>165</td>
</tr>
<tr>
<td>Russian</td>
<td>RUSS</td>
<td>118</td>
</tr>
<tr>
<td>Sociology</td>
<td>SOCI</td>
<td>168</td>
</tr>
<tr>
<td>Spanish</td>
<td>SPAN</td>
<td>118</td>
</tr>
<tr>
<td>Spanish-Intensive</td>
<td>SPAI</td>
<td>118</td>
</tr>
<tr>
<td>Varsity Sports</td>
<td>VARS</td>
<td>28</td>
</tr>
</tbody>
</table>

**Q: How do I schedule my Swim Test?**
A: If you need to take a Swim Test and you are not enrolled in a PHED-Physical Education or VARS-Varsity Sports course, please contact Janice Kuklick at jkuklick@chc.edu.

**Q: How many foreign language classes must I take?**
A: It depends on where you placed during orientation or if you decided to start over with a new language. Students typically need one foreign language course at the 103-level or above to meet the Core Requirement (major requirements vary). If you placed in/decided to take a 101- or 102-level course, you will need to take at least one more language course to fulfill the 103-or above requirement.

**Q: What computer courses must I take to fulfill the proficiency requirements?**
A: You do not have to take any computer courses if you pass the Proficiency test in each area. Proficiency tests are scheduled routinely throughout the year however if you have any questions, please contact Eileen Lynch, SSJ, at lynche@chc.edu. The following Wednesdays are the scheduled testing days for the Fall 2010 semester. Sept. 22; Oct. 6; Oct. 20; Nov. 3; Nov. 17; and Dec. 1. All are in Rooms 249 and 250 in St. Joseph Hall and are from 2:00-3:15pm. Announcements about testing are made via your CHC email address. You can take one or two tests per session, but you may take each test only once. If you start a test at the session, you must complete it at that session. (Freshmen entering Fall 2010 need only four proficiencies; all other students will need to complete six proficiencies before graduation. Details are available in respective catalogs.)

If you are a Freshman entering in Fall 2010 and would like to take the course required for proficiency, please register for one of the following – **please note that you must pass the course with a grade of C or better to have it count as having met the proficiency requirement:**

- CMTC-103: Microsoft Excel (1 credit)
- CMTC-120: Researching and Formatting Academic Papers (1 credit)
- CMTC-160: Microsoft PowerPoint (1 credit)

**Q: How do I get an Academic Advisor?**
A: An Academic Advisor is a departmental faculty member that is assigned to you based on your major and you can view the name of your assigned Advisor on the My CHC Portal. If your assigned Advisor is not available, you are welcome to visit the Academic Advising Center, 3rd Floor St. Joseph Hall for assistance. Telephone: 215/248-7199. Email: advising@chc.edu
Q: How do I drop or add a course?
A: As long as Registration is open for the semester you may drop and add courses on the My CHC Portal however, it is recommended that you speak with your advisor before making any changes to your roster. If you encounter any issues when attempting to drop or add, please send an email to registrar@chc.edu indicating the error message and what you were trying to change.

Q: How do I withdraw from a course?
A: You MUST speak with your academic advisor before you stop attending a course. It may not be in your best interest to withdraw; and only your advisor will be able to approve a withdrawal after ensuring that you understand any academic and financial aid consequences.

Q: How do I get my grades?
A: Grades are viewable on the My CHC Portal at http://my.chc.edu Grades are not sent to students unless they are requested in writing within two weeks of the end of the semester. Please see the section on Grade Mailers for information on how your parents may request your grades.

Q: How can my parents see my grades?
A: First you must designate them on your account by filling out the FERPA waiver, which is available online at www.chc.edu/registrar. Then they must make a request in writing. Please see the section on Grade Mailers for information on how your parents may request your grades. Grades mailers will not be emailed or faxed, and must be requested in writing.

Q: I filled out the FERPA waiver, does this mean my parents get my online passwords?
A: No. The FERPA waiver designates someone that the College may share information with as if it were you, the student, in our offices. It does not mean that your parents get passwords to the Portal, Blackboard, or email. Nor does it mean that a FERPA contact can call or email the College to get information protected by FERPA such as grades or classes registered. No one – not even you, the student – can call or email and request grades be provided.

Q: How do I get my roster?
A: Your roster is available to you on the My CHC Portal. Rosters are not mailed to students; please log on to the Portal and view your courses at least the day before each course begins to see if there have been any last minute room changes.

Q: What is a non-academic credit?
A: Non-academic credits are earned for courses that are often required for graduation, but the credits earned for them are not included in the 120 Academic Credit minimum required for graduation. The following non-academic courses are required for graduation of all students in the School of Undergraduate Studies:

- FYIN-100: First-Year Initiative
- FYIN-101: Career Connections
- PHED - Physical Education: Each student must successfully complete two credits of Physical Education (PHED) courses or participate in a Varsity sport (VARS) for two semesters.

Other non-academic course include:
- LSTR-100: Learning Strategies
- MATH-100: Developmental Math; Basic Skills and Principles
Certain music courses are also non-academic credit. You can identify these courses on your academic record as those with a “Grade+N.” That means the course is counted in the Term Credits but NOT in the Career Credits. Please check with your advisor if you have any questions.

**Q: I want to sing with one of the Music Performance groups. What do I do?**  
A: Just register for the course and go to rehearsal! As long as there is no audition required, any student can participate in the performance groups. Performance groups all begin with the course prefix MUSP-Music Performance. Sister Kathleen McCloskey would be happy to talk to you about joining one of the groups. Her office is located in St. Joseph Hall, Room M-27, 1st floor Music Corridor.

**Q: I want to play a Varsity sport. What do I do?**  
A: Students may use participation in a Varsity sport to fulfill the two PHED-Physical Education requirements for graduation. All team members register for a non-academic course for their sport; all sports team courses begin with the prefix VARS-Varsity Sport. Contact Denise Wisniewski at wisniewskid@chc.edu.

**Q: What courses are designated Writing Intensive?**  
A: Here is a partial listing, which is subject to change at any time. Please contact your advisor if you have any questions.

- BIOL-300
- CMSC-280
- CMTC-280
- COMM-252
- COMM-258
- COMM-260
- COMM-265
- ENGL-104
- ENGL-241
- ENGL-280
- ENGL-301
- ENGL-308
- FREN-221
- HIST-218
- HIST-219
- HIST-322
- HIST-330
- HIST-332
- MATH-497
- PHIL-110
- PHIL-212
- PHIL-214
- PSCI-330
- PSYC-313
- PSYC-320
- SOCI-201
- SOCI-300
- SPAN-221
- SPAN-261
- SPAN-262

**Q: How do I get notices from the Office of the Registrar?**  
A: A majority of communication from the Office of the Registrar is done via CHC email. It is your responsibility to get your CHC email on a regular basis; no exceptions will be made to policies/deadlines for students who simply do not check their CHC email accounts. Contact helpdesk@chc.edu if you have any questions about your email account. And please remember to check it every day. You could be anyone@yahoo.com but we would rather you be someone@chc.edu!

**Q: Where can I find a listing of the undergraduate majors/degrees; minors; and certificates?**  
A: Right here…

<table>
<thead>
<tr>
<th>Subject/Program/ Discipline</th>
<th>Major/ Minor/ Certificate</th>
<th>Degree Awarded, if applicable</th>
<th>Min. Credits for the Major</th>
<th>Total Min. Credits</th>
<th>Departmental Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>67</td>
<td>120</td>
<td>Garry Flower, Room 312 Martino Hall, 215/248-7180, <a href="mailto:flowerg@chc.edu">flowerg@chc.edu</a></td>
</tr>
<tr>
<td>Art History</td>
<td>Minor</td>
<td></td>
<td>18</td>
<td></td>
<td>Suzanne Conway, Room 209 St.</td>
</tr>
<tr>
<td>Major/Concentration</td>
<td>Degree Requirement</td>
<td>Credits</td>
<td>Advisor/Contact Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------------------</td>
<td>---------</td>
<td>------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Studio Minor</td>
<td></td>
<td>18</td>
<td>Joseph Hall, 215/248.7183, <a href="mailto:conways@chc.edu">conways@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biochemistry Major</td>
<td>Bachelor of Science (BS)</td>
<td>65.5</td>
<td>120.5 Joe Thompson, SSJ, Room 500 St. Joseph Hall, 215/248-7042, <a href="mailto:mthompson@chc.edu">mthompson@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biochemistry Minor</td>
<td></td>
<td>24</td>
<td>Kelly Butler, Room 540 St. Joseph Hall, 215/242-7988, <a href="mailto:butler@chc.edu">butler@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology Major</td>
<td>Bachelor of Science (BS)</td>
<td>76</td>
<td>121 Joe Kulisko, Room 1 St. Joseph Hall, 215/248-7157, <a href="mailto:kulisko@chc.edu">kulisko@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology Minor</td>
<td></td>
<td>18</td>
<td>Joe Kulisko, Room 1 St. Joseph Hall, 215/248-7157, <a href="mailto:kulisko@chc.edu">kulisko@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry Major</td>
<td>Bachelor of Science (BS)</td>
<td>59.5</td>
<td>120.5 Kelly Butler, Room 540 St. Joseph Hall, 215/242-7988, <a href="mailto:butler@chc.edu">butler@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry Minor</td>
<td></td>
<td>22</td>
<td>Kelly Butler, Room 540 St. Joseph Hall, 215/242-7988, <a href="mailto:butler@chc.edu">butler@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classical Civilizations Minor</td>
<td></td>
<td>18</td>
<td>Mary Margaret Murphy, SSJ, Room 9 St. Joseph Hall, 215/248-7132, <a href="mailto:murphy@chc.edu">murphy@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications Minor</td>
<td></td>
<td>18</td>
<td>Kimberly Leahy, Room 1 St. Joseph Hall, 215/248-3601, <a href="mailto:leahyk@chc.edu">leahyk@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications and Technology Major</td>
<td>Bachelor of Science (BS)</td>
<td>45</td>
<td>120 Kimberly Leahy, Room 1 St. Joseph Hall, 215/248-3601, <a href="mailto:leahyk@chc.edu">leahyk@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications/Corporate Communication Major/Concentration</td>
<td>Bachelor of Arts (BA)</td>
<td>45</td>
<td>120 Kimberly Leahy, Room 1 St. Joseph Hall, 215/248-3601, <a href="mailto:leahyk@chc.edu">leahyk@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications/Journalism and Professional Writing Major/Concentration</td>
<td>Bachelor of Arts (BA)</td>
<td>45</td>
<td>120 Kimberly Leahy, Room 1 St. Joseph Hall, 215/248-3601, <a href="mailto:leahyk@chc.edu">leahyk@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications/Media Studies and Production Major/Concentration</td>
<td>Bachelor of Arts (BA)</td>
<td>45</td>
<td>120 Kimberly Leahy, Room 1 St. Joseph Hall, 215/248-3601, <a href="mailto:leahyk@chc.edu">leahyk@chc.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and Information Sciences Major</td>
<td>Bachelor of Science (BS)</td>
<td>60</td>
<td>121 Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>58</td>
<td>120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------</td>
<td>----</td>
<td>-----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and Information Technology/Management Information Systems</td>
<td>Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>55</td>
<td>122</td>
<td></td>
</tr>
<tr>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and Information Technology/Programming</td>
<td>Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>54</td>
<td>122</td>
<td></td>
</tr>
<tr>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and Information Technology/Web/Multimedia Development</td>
<td>Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>54</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and Information Technology/Digital Forensics</td>
<td>Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>54</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>Minor</td>
<td>21</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sara Kitchen, Room 374 Fournier Hall, 215/248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>45</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Sara Kitchen, Room 374 Fournier Hall, 215/248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sara Kitchen, Room 374 Fournier Hall, 215/248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early Education (PreK-4)</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>83</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Carol Pate, 4th Floor St. Joseph Hall, 215/248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>Major</td>
<td>Bachelor of Arts (BA)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barbara Lonnquist, Room 203 St. Joseph Hall, 215/248-7178, <a href="mailto:lonnquistb@chc.edu">lonnquistb@chc.edu</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Barbara Lonnquist, Room 203 St. Joseph Hall, 215/248-7178,
<table>
<thead>
<tr>
<th>Major/Concentration</th>
<th>Degree</th>
<th>Credits</th>
<th>Advisor/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature and Communications Major</td>
<td>Bachelor of Arts (BA)</td>
<td>45</td>
<td>120</td>
</tr>
<tr>
<td>Environmental Sciences Major</td>
<td>Bachelor of Science (BS)</td>
<td>74</td>
<td>123</td>
</tr>
<tr>
<td>Environmental Sciences Minor</td>
<td>Bachelor of Science (BS)</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Forensic Sciences/Toxicology Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>82</td>
<td>120</td>
</tr>
<tr>
<td>Forensic Sciences/DNA Focus Major/Concentration</td>
<td>Bachelor of Science (BS)</td>
<td>81</td>
<td>120</td>
</tr>
<tr>
<td>French Major</td>
<td>Bachelor of Arts (BA)</td>
<td>36</td>
<td>120</td>
</tr>
<tr>
<td>French Minor</td>
<td>Bachelor of Arts (BA)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Gerontology Minor</td>
<td>Bachelor of Arts (BA)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>History Major</td>
<td>Bachelor of Arts (BA)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>History Minor</td>
<td>Bachelor of Arts (BA)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Human Services Major</td>
<td>Bachelor of Science (BS)</td>
<td>45</td>
<td>120</td>
</tr>
<tr>
<td>Human Services Minor</td>
<td>Bachelor of Science (BS)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Information Management Minor</td>
<td>Bachelor of Science (BS)</td>
<td>19</td>
<td>120</td>
</tr>
<tr>
<td>Intercultural Foundations Certificate</td>
<td>Bachelor of Science (BS)</td>
<td>21</td>
<td>120</td>
</tr>
<tr>
<td>International Minor</td>
<td>Bachelor of Science (BS)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Major/Minor Area</td>
<td>Type</td>
<td>Degree</td>
<td>Credits</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------</td>
<td>--------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Business</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>76</td>
</tr>
<tr>
<td>International Business, Language and Culture</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>76</td>
</tr>
<tr>
<td>International Studies</td>
<td>Certificate</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>Jazz Performance</td>
<td>Minor</td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>Latin</td>
<td>Minor</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Management</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>67</td>
</tr>
<tr>
<td>Management</td>
<td>Minor</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>Minor</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Marketing</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>67</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>43</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Minor</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Mathematics and Computer Sciences</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>45</td>
</tr>
<tr>
<td>Middle-Level Education (Grades 4 to 8)</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>113</td>
</tr>
<tr>
<td>Molecular Biology</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>79</td>
</tr>
<tr>
<td>Molecular Biology</td>
<td>Minor</td>
<td></td>
<td>22</td>
</tr>
<tr>
<td>Major/Minor</td>
<td>Degree Type</td>
<td>Credits</td>
<td>Units</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>--------------------------------------</td>
<td>---------</td>
<td>-------</td>
</tr>
<tr>
<td>Music (Performance) Major</td>
<td>Bachelor of Music (BM)</td>
<td>54</td>
<td>120</td>
</tr>
<tr>
<td>Music (Performance) Minor</td>
<td></td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Music Education Major</td>
<td>Bachelor of Science (BS)</td>
<td>TBA</td>
<td>TBA</td>
</tr>
<tr>
<td>Peace and Justice Studies Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Political Science Major</td>
<td>Bachelor of Arts (BA)</td>
<td>36</td>
<td>120</td>
</tr>
<tr>
<td>Political Science Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Programming Minor</td>
<td></td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Psychology Major</td>
<td>Bachelor of Arts (BA)</td>
<td>36</td>
<td>120</td>
</tr>
<tr>
<td>Psychology Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Religious Education Certificate</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Religious Education Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Religious Education and Philosophy Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Secondary Education Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Special Education Minor</td>
<td></td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

Kulkosky.j@chc.edu

Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215-248-7194, kmcclosk@chc.edu

Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215-248-7194, kmcclosk@chc.edu

Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215-248-7194, kmcclosk@chc.edu

Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, mccauleyp@chc.edu

Jacqueline Reich, Room 375 Fournier Hall, 215/753-3630, reichj@chc.edu

Jacqueline Reich, Room 375 Fournier Hall, 215/753-3630, reichj@chc.edu

Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, lolivieri@chc.edu or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, ssenders@chc.edu

Lynn Brandsma, Room 3 St. Joseph Hall, 215/248-7049, brandsmal@chc.edu

Lynn Brandsma, Room 3 St. Joseph Hall, 215/248-7049, brandsmal@chc.edu

Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, McCauleyP@chc.edu

Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, McCauleyP@chc.edu

Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, McCauleyP@chc.edu

Carol Pate, 4th Floor St. Joseph Hall, 215/248-7127, cmpate@chc.edu

Carol Pate, 4th Floor St. Joseph Hall, 215/248-7127, cmpate@chc.edu
<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
<th>Credits</th>
<th>Advisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies</td>
<td>Certificate</td>
<td>42</td>
<td>Lorraine Coons, Room 377 Fournier Hall, 215/248-7184, <a href="mailto:lcoons@chc.edu">lcoons@chc.edu</a></td>
</tr>
<tr>
<td>Sociology</td>
<td>Major</td>
<td>30</td>
<td>John Kovach, Room 372 Fournier Hall, 215/248-7192, <a href="mailto:kovachj@chc.edu">kovachj@chc.edu</a></td>
</tr>
<tr>
<td>Sociology</td>
<td>Minor</td>
<td>18</td>
<td>John Kovach, Room 372 Fournier Hall, 215/248-7192, <a href="mailto:kovachj@chc.edu">kovachj@chc.edu</a></td>
</tr>
<tr>
<td>Spanish</td>
<td>Major</td>
<td>36</td>
<td>Mary Helen Kashuba, SSJ, Room 25B Fournier Hall, 215/248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
</tr>
<tr>
<td>Spanish</td>
<td>Minor</td>
<td>18</td>
<td>Mary Helen Kashuba, SSJ, Room 25B Fournier Hall, 215/248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
</tr>
<tr>
<td>Web/Multimedia Design</td>
<td>Minor</td>
<td>18</td>
<td>Lisa Olivieri, SSJ, Room 201 St. Joseph Hall, 215/248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a> or Saul Senders, Room 212 St. Joseph Hall, 215/753-3633, <a href="mailto:ssenders@chc.edu">ssenders@chc.edu</a></td>
</tr>
<tr>
<td>Women’s Studies</td>
<td>Minor</td>
<td>18</td>
<td>Lorraine Coons, Room 377 Fournier Hall, 215/248-7184, <a href="mailto:lcoons@chc.edu">lcoons@chc.edu</a> or Nancy Porter, Room 14 St. Joseph Hall, 215/248-7119, <a href="mailto:nporter@chc.edu">nporter@chc.edu</a></td>
</tr>
</tbody>
</table>
Course Descriptions

ACCT-103: Financial Accounting
Credits: 3  WOK: BP
A study of the basic accounting cycle and financial statement preparation as applied to service and merchandising enterprises. Analyzes the accounting system of a small business. WOK: Behavioral OR Problem Solving. (Formerly BACCU-103.)

ACCT-104: Managerial Accounting
Credits: 3  WOK: B
Interpretation and use of accounting data for management decisions; financial statement analysis, the statement of cash flows and manufacturing costs. The accounting systems of partnerships and corporations are compared and contrasted. WOK: Behavioral. Pre-requisite: ACCT-103. (Formerly BACCU-104.)

ACCT-113: Computerized Accounting
Credits: 1
Designed to highlight the usefulness of computers in accounting. Students use the computer in recording transactions for a small business. Pre-requisite: ACCT-103. (Formerly BACCU-113.)

ACCT-213: Intermediate Accounting Theory I
Credits: 3  WOK: B
An in-depth study of the theory and application of accounting topics including the accounting cycle, financial statements, assets, and liabilities. WOK: Behavioral. Pre-requisite: ACCT-104. (Formerly BACCU-213.)

ACCT-214: Intermediate Accounting Theory II
Credits: 3  WOK: B
A continuation of ACCT-213. Topics include stockholders’ equity, revenue recognition, leases, pensions, cash flows, and financial statement analysis. WOK: Behavioral. Pre-requisite: ACCT-213. (Formerly BACCU-214.)

ACCT-216: Taxes
Credits: 3
A study of the Federal Income Tax Law concentrating on taxes relating to individuals and corporations. Topics include income, deductions, tax credits, and property transactions. Pre-requisite: ACCT-103. (Formerly BACCU-216.)

ACCT-223: Cost Accounting
Credits: 3  WOK: B
An examination of the principles of cost accounting, concentrating on the use of cost data for management planning and control. Examines job order and process cost systems along with budgeting procedures, standard cost systems, and various managerial applications of cost accounting information. WOK: Behavioral. Pre-requisite: ACCT-104. (Formerly BACCU-223)

ACCT-333: Auditing
Credits: 3
An introduction to auditing theory and application with emphasis on specific procedures used when examining financial statements. Examines professional ethics, types of audits, internal control, statistical sampling, and reporting obligations. (Formerly BACCU-333.)

ACCT-363: Advanced Accounting Theory I
Credits: 3  WOK: B
A detailed study of accounting topics including business combinations, consolidated financial statements, and intercompany transactions. Pre-requisite: ACCT-214. (Formerly BACCU-363.)

ACCT-364: Advanced Accounting Theory II
Credits: 3
A continuation of Advanced Accounting Theory I. Discusses the theory and application of accounting topics including partnerships, governmental units, nonprofit organizations, estates and trusts, multinational enterprises and liquidations. (Formerly BACCU-364.)

ACCT-401: Internship in Accounting
Credits: 3  Graded Pass/Fail only. Repeatable for credit. (Formerly BACCU-401.)

ARTH-101: Western Art-Prehistoric to Gothic
Credits: 3  WOK: A
A chronological survey of the development of art, from the prehistoric age to the contemporary period. WOK: Artistic. (Formerly ARTU 101: THE HISTORY OF WESTERN ART.)

ARTH-102: Western Art-Early Ren to Modern
Credits: 3  WOK: A
A chronological survey of the development of art, from the prehistoric age to the contemporary period. WOK: Artistic. (Formerly ARTU 102: HISTORY OF WESTERN ART II.)

ARTH-103: Introduction to Non-Western Art
Credits: 3  WOK: A
A fascinating survey of the development of art of non-western cultures and its impact on today's society. WOK: Artistic. (Formerly ARTU-103.)

ARTH-185: 17th Century Art
Credits: 3  WOK: A
A chronological survey of the development of art, from the prehistoric age to the contemporary period. WOK: Artistic. (Formerly ARTU-185.)

ARTH-190: American Art
Credits: 3  WOK: A
Survey of three centuries of American art. Students concentrate on leading painters and leading sculptors and examine the major stylistic movements. WOK: Artistic. (Formerly ARTU-190.)

ARTH-191: Romanticism to Post-Impressionism
Credits: 3  WOK: A
A study of the radical defiance of the accepted academic style by such French artists as Delacroix, Manet, Monet, Morisot, VanGogh and Cézanne within the context of the rapid social, political, and
economic changes of the nineteenth century. WOK: Artistic. (Formerly ARTU-191.)

ARTH-192: 20th Century and Contemporary Art
Credits: 3  WOK: A
An investigation of art in the twentieth-century. Explores connections between the arts (painting, sculpture, architecture and design) and historical events, issues and beliefs of the period. WOK: Artistic. (Formerly ARTU-192.)

ARTH-193: American Architecture
Credits: 3
Traces the evolution of American architecture from mid-nineteenth century to the present day. Treats the development of styles beginning with the Chicago school and highlights prominent American architects such as Frank Lloyd Wright. WOK: Artistic. (Formerly ARTU-193.)

ARTH-201: Historical Survey of Women Artists
Credits: 3  WOK: A
Introduction to the role of women in the history of Western painting. ARTH-101 or ARTH-102 recommended but not required. (Formerly ARTU-201.)

ARTH-210: Northern European Renaissance
Credits: 3  WOK: A
A study of fifteenth- and sixteenth-century painting in Flanders, France, the Holy Roman Empire and England, concentrating on the distinctive character of northern Renaissance art. WOK: Artistic. (Formerly ARTU-210.)

ARTH-212: Looking at Landscape Design
Credits: 3  WOK: A
An exploration of the intellectual, social, and political reasons for the persistent passion for garden-making from the Middle Ages to the twenty-first century in Europe and the United States. WOK: Artistic. (Formerly ARTU-212.)

ARTH-230: Paris: An Urban History
Credits: 3  WOK: A
An investigation of the reasons Paris is considered one of the most beautiful and livable cities of the world, featuring such famous and not-so-famous landmarks as: the Eiffel Tower, the Louvre, the Champs-Élysées, and Place des Vosges. WOK: Artistic. (Formerly ARTU-230.)

ARTH-261: Early Italian Renaissance Art
Credits: 3  WOK: A
A study of Italian painting, sculpture and architecture from the thirteenth century through the fifteenth centuries. Emphasizes new understandings of the self and of the world and their effects on the arts. WOK: Artistic. (Formerly ARTU-261.)

ARTH-280: The Art of Black Africa
Credits: 3  WOK: A
An exploration of the traditional sculpture of the peoples of the sub-Saharan Africa with particular attention to the relationship between tribal society and the art it makes. WOK: Artistic. (Formerly ARTU-280.)

ARTH-282: Michelangelo and His Times
Credits: 3  WOK: A
An analysis of the work of Michelangelo within the context of his rivals for greatness, real and imagined, as well as the intellectual, political, and economic environment of the sixteenth-century in Italy. WOK: Artistic. (Formerly ARTU-281.)

ARTH-286: Medieval Art
Credits: 3  WOK: A
A study of the arts of Western Europe from the early Christian era through the Gothic Period. WOK: Artistic. (Formerly ARTU-286.)

ARTH-401: Internship in Art History
Credits: 3
Internship in curatorial departments of major Philadelphia area museums and house museums as well as in non-curatorial areas such as education, conservation, public relations and development, or work with the National Park Service. Graded Pass/Fail only. Repeatable for credit. Pre-Requisite: permission of the Chairperson. (Formerly ARTU-401 and ARTU-402.)

ARTS-102: Introduction to Ceramics
Credits: 3
An introductory course developing a variety of hand building techniques in clay. Explores both functional and sculptural forms and covers fundamentals of glazing and kiln operation. Note: this course does NOT fulfill the Artistic WOK. (Formerly ARTSU-102.)

ARTH-120: Introduction to Art by Heart
Credits: 3  WOK: A
Design and culture from the Global Village. An Art Studio course that studies art and artifacts from diverse cultures from around the world examining creativity and innovative use of media to express the desires of the human spirit. Inspired by these forms, the students then make their own art work expressing their unique experience of life. WOK: Artistic. Cross-listed: ARTS-220. (Formerly ARTSU-120.)

ARTH-131: Introduction to Painting
Credits: 3  WOK: A
A survey of painting media, of techniques, with an emphasis on experimentation, acquisition of skills aimed at the development of a personal visual language and style in painting. WOK: Artistic. Cross-listed: ARTS-231 and ARTS-331. (Formerly ARTSU-131.)

ARTH-134: Introduction to Watercolor Painting
Credits: 3  WOK: A
An exploration of the techniques of painting with watercolor with an emphasis on experimentation with this fluid and versatile medium. Issues include: painting from observation, painting from imagination, choice of paper, collage, drawing for painting, and color. WOK: Artistic. Cross-listed: ARTS-234 and ARTS-334. (Formerly ARTSU-134.)

ARTH-140: The Art of Theater Design
Credits: 3  WOK: A
An introduction to the history of theater design and its importance as a means of
ARTS-221: Intermediate Drawing Techniques
Credits: 3
Explores a variety of drawing ideas and techniques with an emphasis on design, skill in choice, and use of media for personal visual expression. In addition to working on instructor directed drawing projects with the class, students work with the instructor to propose and pursue more complex assignments of special interest to them individually. Pre-requisite: ARTS-121. Cross-listed: ARTS-121 and ARTS-321. (Formerly ARTSUI-221.)

ARTS-231: Intermediate Painting
Credits: 3
Explores a variety of painting ideas and techniques with an emphasis on design, skill in choice and use of media for self-expression. In addition to working on teacher directed painting projects, students propose and pursue more complex assignments of special interest to them individually. Pre-requisite: ARTS-131. Cross-listed: ARTS-131 and ARTS-331. (Formerly ARTSUI-231.)

ARTS-241: Intermediate Silk Screening
Credits: 3
Explores experimental procedures including printing on different fabrics, glass, wood, and metal. Pre-requisite: ARTS-241. Cross-listed: ARTS-141 and ARTS-241. (Formerly ARTSUI-241.)

ARTS-261: Intermediate/Metal Sculpture and Jewelry
Credits: 3
An in-depth study of the use of both film stencils and photographic stencils on paper and textiles. Pre-requisite: ARTS-141. Cross-listed: ARTS-141 and ARTS-341. (Formerly ARTSUI-261.)

ARTS-321: Advanced Drawing Techniques
Credits: 3
An advanced studio approach to drawing emphasizing maturation of ideas, skills, and style. Students explore complex ideas and techniques in drawing and move toward greater independence in the selection of content and subject matter for their drawings. Pre-requisite: ARTS-221. Cross-listed: ARTS-121 and ARTS-221. (Formerly ARTSUI-321.)

ARTS-331: Advanced Painting
Credits: 3
An advanced studio approach in which students use the knowledge and skills they have acquired in the study of art, art history and the contemporary art world to pursue complex and challenging projects. Students become more independent in selecting ideas in terms of purpose, media and technique. Cross-listed: ARTS-131 and ARTS-231. (Formerly ARTSUI-331.)

ARTS-341: Advanced Silk Screening
Credits: 3
Explores experimental procedures including printing on different fabrics, glass, wood, and metal. Pre-requisite: ARTS-241. Cross-listed: ARTS-141 and ARTS-241. (Formerly ARTSUI-341.)

ARTS-361: Advanced Metal Sculpture and Jewelry
Credits: 3
An advanced course in the art of jewelry making and metal crafts. More advanced methods of soldering, hammering, and lost wax. Pre-requisite: ARTS-261. (Formerly ARTSUI-361.)

ARTS-141: Introduction to Silk Screening
Credits: 3
An introduction to the varied aspects of silk screen printing, using paper and film stencils, for both paper and textile printing. Note: this course does NOT fulfill the Artistic WOK. Cross-listed: ARTS-241 and ARTS-341. (Formerly ARTSU-141.)

ARTS-161: Intro to Metal Sculpture/Jewelry
Credits: 3
Introduction to the fundamentals of jewelry making, using precious metals. Includes lost-wax method. (Formerly ARTSU-161.)

ARTS-172: Introduction to Color My World
Credits: 3
Color and design from the global village. An art studio course that studies color theory and its use in the art and artifacts from diverse cultures around the world examining their creativity and innovative use of color to express the desires of the human spirit. Inspired by these forms, the students then make their own artworks with a special emphasis on color theory. (Formerly ARTSU-172.)

ARTS-202: Intermediate Ceramics
Credits: 3
A continuation of the study of clay. Provides experience in both hand building and use of the wheel. Pre-requisite: ARTS-102. (Formerly ARTSU-202.)

ARTS-220: Intermediate Art by Heart
Credits: 3
Design and culture from the Global Village. An Art Studio course that studies art and artifacts from diverse cultures from around the world examining creativity and innovative use of media to express the desires of the human spirit. Inspired by these forms, the students then make their own art work expressing their unique experience of life. Pre-requisite: ARTS-120. Cross-listed: ARTS-120. (Formerly ARTSU-220.)

ARTS-234: Intermediate Watercolor Painting
Credits: 3
Explores watercolor painting beyond the introductory level. Experimentation with media and development of skills to achieve goals and develop a personal style will be emphasized. Pre-requisite: ARTS-134. Cross-listed: ARTS-134 and ARTS-334. (Formerly ARTSU-234.)

ARTS-261: Intermediate Silk Screening
Credits: 3
A continuation in the art of jewelry making and metal crafts. Soldering, hammering, and lost-wax methods. Pre-requisite: ARTS-161. (Formerly ARTSU-261.)

ARTS-301: Advanced Jewelry and Metal Work
Credits: 3
An advanced course in the art of jewelry making and metal crafts. More advanced methods of soldering, hammering, and lost wax. Pre-requisite: ARTS-261. (Formerly ARTSU-361.)

ARTS-311: Advanced Painting
Credits: 3
An advanced exploration of watercolor techniques aimed at control and freedom, use of color, and creative combinations in pursuit of personal expression and style. Pre-requisite: ARTS-234. Cross-listed: ARTS-134 and ARTS-234. (Formerly ARTSU-334.)

ARTS-334: Advanced Watercolor Painting
Credits: 3
An advanced studio approach in which students use the knowledge and skills they have acquired in the study of art, art history and the contemporary art world to pursue complex and challenging projects. Students become more independent in selecting ideas in terms of purpose, media and technique. Cross-listed: ARTS-131 and ARTS-231. (Formerly ARTSU-331.)

ARTS-341: Advanced Silk Screening
Credits: 3
Explores experimental procedures including printing on different fabrics, glass, wood, and metal. Pre-requisite: ARTS-241. Cross-listed: ARTS-141 and ARTS-241. (Formerly ARTSU-341.)

ARTS-361: Advanced Metal Sculpture and Jewelry
Credits: 3
An advanced course in the art of jewelry making and metal crafts. More advanced methods of soldering, hammering, and lost wax. Pre-requisite: ARTS-261. (Formerly ARTSU-361.)

ARTS-120: Advanced Drawing Techniques
Credits: 3
An advanced studio approach to drawing emphasizing maturation of ideas, skills, and style. Students explore complex ideas and techniques in drawing and move toward greater independence in the selection of content and subject matter for their drawings. Pre-requisite: ARTS-221. Cross-listed: ARTS-121 and ARTS-221. (Formerly ARTSU-321.)

ARTS-210: Intermediate Drawing Techniques
Credits: 3
Explores a variety of drawing ideas and techniques with an emphasis on design, skill in choice, and use of media for personal visual expression. In addition to working on instructor directed drawing projects with the class, students work with the instructor to propose and pursue more complex assignments of special interest to them individually. Pre-requisite: ARTS-121. Cross-listed: ARTS-121 and ARTS-321. (Formerly ARTSU-221.)

ARTS-221: Intermediate Drawing Techniques
Credits: 3
Explores a variety of drawing ideas and techniques with an emphasis on design, skill in choice, and use of media for personal visual expression. In addition to working on instructor directed drawing projects with the class, students work with the instructor to propose and pursue more complex assignments of special interest to them individually. Pre-requisite: ARTS-121. Cross-listed: ARTS-121 and ARTS-321. (Formerly ARTSU-221.)

ARTS-231: Intermediate Painting
Credits: 3
Explores a variety of painting ideas and techniques with an emphasis on design, skill in choice and use of media for self-expression. In addition to working on teacher directed painting projects, students propose and pursue more complex assignments of special interest to them individually. Pre-requisite: ARTS-131. Cross-listed: ARTS-131 and ARTS-331. (Formerly ARTSU-231.)

ARTS-241: Intermediate Silk Screening
Credits: 3
Explores experimental procedures including printing on different fabrics, glass, wood, and metal. Pre-requisite: ARTS-241. Cross-listed: ARTS-141 and ARTS-241. (Formerly ARTSU-241.)

ARTS-261: Intermediate Metal Sculpture and Jewelry
Credits: 3
A continuation in the art of jewelry making and metal crafts. Soldering, hammering, and lost-wax methods. Pre-requisite: ARTS-161. (Formerly ARTSU-261.)

ARTS-301: Advanced Jewelry and Metal Work
Credits: 3
An advanced course in the art of jewelry making and metal crafts. More advanced methods of soldering, hammering, and lost wax. Pre-requisite: ARTS-261. (Formerly ARTSU-361.)

ARTS-311: Advanced Painting
Credits: 3
An advanced studio approach in which students use the knowledge and skills they have acquired in the study of art, art history and the contemporary art world to pursue complex and challenging projects. Students become more independent in selecting ideas in terms of purpose, media and technique. Cross-listed: ARTS-131 and ARTS-231. (Formerly ARTSU-331.)

ARTS-334: Advanced Watercolor Painting
Credits: 3
An advanced exploration of watercolor techniques aimed at control and freedom, use of color, and creative combinations in pursuit of personal expression and style. Pre-requisite: ARTS-234. Cross-listed: ARTS-134 and ARTS-234. (Formerly ARTSU-334.)

ARTS-341: Advanced Silk Screening
Credits: 3
Explores experimental procedures including printing on different fabrics, glass, wood, and metal. Pre-requisite: ARTS-241. Cross-listed: ARTS-141 and ARTS-241. (Formerly ARTSU-341.)

ARTS-361: Advanced Metal Sculpture and Jewelry
Credits: 3
An advanced course in the art of jewelry making and metal crafts. More advanced methods of soldering, hammering, and lost wax. Pre-requisite: ARTS-261. (Formerly ARTSU-361.)
ARTS-371: Advanced Design and Mixed Media  
Credits: 3  
Special problems in the application of design and mixed media. (Formerly ARTSU-371.)

ARTS-401: Internship in Art Studio  
Credits: 3  
Practical experience at a site approved by the department. Graded Pass/Fail only. Repeatable for credit. (Formerly ARTSU-401 and ARTSU-402.)

BADM-101: International Business  
Credits: 3  
An overview of international business and the globalization process. Topics covered include national differences in political economy, differences in national cultures, international trade theories; the political economy of international trade, foreign direct investment; regional economic integration, the foreign exchange market, the international monetary system; the global capital market, and the strategy and structure of international business. (Formerly BADMU-101.)

BADM-102: Business Ethics  
Credits: 3  WOK: B  
An in-depth analysis of complex ethical dilemmas in business organizations, focusing on managing ethical decisions, establishing an ethical culture, and whistle blowing. Evaluates a firm’s fiscal and social obligations to its employees, stockholders, customers, creditors, suppliers, and neighbors. Employs role playing and case analysis. WOK: Behavioral. (Formerly BADMU-102.)

BADM-104: Introduction to Business  
Credits: 3  WOK: B  
An overview of the domestic and global business environment and economies. Exposure to the theoretical framework and structure of the business environment, including accounting, economics, ethics, finance, management, and marketing. Case studies will provide illustrations of real life examples of business organizations, activities and the people who operate them. WOK: Behavioral. (Formerly BADMU-104.)

BADM-120: Law and the Business Enterprise  
Credits: 3  WOK: B  
Geared primarily for business majors. Focuses on the law of contracts, product liability, landlord/tenant law, negligence, torts, trademarks and other topics relevant to the business world. WOK: Behavioral. (Formerly BADMU-120.)

BADM-252: Business of Music  
Credits: 3  
An introductory course in the business fundamentals of the music entertainment industry. The following topics are addressed: music as a profession, agents, personal managers and publishers, performing rights, contracts, music copyrights, record companies/record industry, music licensing, promotion and publicity, music for film and video production, radio and TV advertising and career options. Cross-listed: MUSC-252. (Formerly BADMU-252.)

BADM-280: Information Mgmt/SQL Programming  
Credits: 3  
Introduces students to the fundamentals of information management using Microsoft Access, Microsoft SQL Server, from simple applications through database programming and Structured Query Language. This course includes an analysis and evaluation of social and ethical issues stemming from the proliferation of databases. This course is recommended for students planning a career in business and information sciences. Cross-listed: CMTC-280. Pre-requisite: CMTC-180 (Formerly BADMU-280)

BADM-401: Internship in Business Admin  
Credits: 3  
A program designed to provide qualified Junior or Senior business majors with an opportunity for direct experience in a profit or non-profit business activity. Student writes a short paper integrating their academic and internship experience. Graded Pass/Fail only. Repeatable for credit. (Formerly BADMU-401 and BADMU-402.)

BADM-498: Senior Seminar in Business  
Credits: 3  
Capstone course designed to engage the student in a research project culminating in an oral and written presentation. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor, Pre-Requisites: ENGL-101 or ENGL-105 or IDHP-200, and a Writing Intensive course. (Formerly BADMU-498.)

BADM-498L: Senior Seminar Writing Lab  
Credits: 1  
Required of select students in Fall 2010.

BIOL-101: Inquiry Into Life I  
Credits: 3.5  WOK: S  
A two-semester, general course running the gamut from molecules to ecosystems, with emphasis on human life and the biological world. Topics include the unity among living things, human systems, development and heredity. Students are expected to take both BIOL-101 and BIOL-102. Co-Requisite: BIOL-101L. WOK: Scientific. (Formerly BIOLU-101: GENERAL BIOLOGY.)

BIOL-101L: Inquiry Into Life I Lab  
Credits: 0  
Taken in the same semester as BIOL-101. Lab is graded as part of the lecture. Co-Requisite: BIOL-101. (Formerly BIOLU-101L: GENERAL BIOLOGY.)

BIOL-102: Inquiry Into Life II  
Credits: 3.5  WOK: S  
A continuation of topics from BIOL-101. Co-Requisite: BIOL-102L. Pre-Requisite: BIOL-101 with a grade of C- or better. WOK: Scientific. (Formerly BIOLU-102: GENERAL BIOLOGY.)

BIOL-102L: Inquiry Into Life II Lab  
Credits: 3  
Taken in the same semester as BIOL-102. Lab is graded as part of the lecture. Co-Requisite: BIOL-102. (Formerly BIOLU-102L: GENERAL BIOLOGY.)

BIOL-106: Ecology and Environmental Issues  
Credits: 4  WOK: S  
Specifically designed for the non-science major. Emphasizes the interdisciplinary nature of environmental issues. Basic
scientific concepts of ecological theory are related to economic, political, and philosophical factors that influence environmental problems and their solutions. WOK: Scientific. Co-Requisite: BIOL-106L. (Formerly BIOU-106.)

BIOL-106L: Ecology/Environmental Issues Lab Credits: 0
Concentrates on the interconnectedness of biotic and abiotic influences on ecosystem health using basic sampling and analytical techniques in local environments. Taken in the same semester as BIOL-106. Lab is graded as part of the lecture. Co-Requisite: BIOL-106. (Formerly BIOU-106L.)

BIOL-111: Principles of Biology I Credits: 4 WOK: S
A two-semester foundation course of the Biological sciences. Introduces students to the process of science and addresses the major disciplines of Biology: cell and molecular biology, genetics, evolution, ecology, comparative anatomy and physiology, zoology, and botany. Open only to students in one of these Science majors: Biology, Forensic Sciences, Biochemistry, Environmental Sciences, Molecular Biology or with permission of the Biology Department Chairperson. Co-Requisite: BIOL-111 Lab. WOK: Scientific. (Formerly BIOU-101M: GENERAL BIOLOGY for majors.)

BIOL-111L: Principles of Biology I Lab Credits: 0
Taken in the same semester as BIOL-111. Lab is graded as part of the lecture. Co-Requisite: BIOL-111M L: GENERAL BIOLOGY LAB (for majors.)

BIOL-112: Principles of Biology II Credits: 4 WOK: S
A continuation of topics in BIOL-111. Open only to students in one of these science majors: Biology, Forensic Sciences, Biochemistry, Environmental Sciences, Molecular Biology or with permission of the Biology Department Chairperson. Co-Requisite: BIOL-112L. WOK: Scientific. Pre-Requisite: BIOL-111 with a grade of C- or better. (Formerly BIOU-102M: GENERAL BIOLOGY for majors.)

BIOL-112L: Principles of Biology II Lab Credits: 0
Taken in the same semester as BIOL-112. Lab is graded as part of the lecture. Co-Requisite: BIOL-112. (Formerly BIOU-102L: GENERAL BIOLOGY LAB.)

BIOL-125: Ponds and Streams Credits: 4 WOK: S
Specifically designed for the non-science major. Introduces students to freshwater habitats of the mid-Atlantic region. Focuses on familiarity with the ecology and inhabitants of the different habitats. Considers environmental problems and solutions for freshwater habitats. Field trips required. WOK: Scientific. Co-Requisite: BIOL-125L. (Formerly BIOU-125.)

BIOL-125L: Ponds and Streams Lab Credits: 0
Taken in the same semester as BIOL-125. Lab is graded as part of the lecture. Co-Requisite: BIOL-125. (Formerly BIOU-125 L.)

BIOL-126: The Biology of Cancer Credits: 4 WOK: S
An overview and perspective of both the scientific and clinical aspects of cancer. Emphasizes cellular and molecular/genetic models of cancer development in humans. Topics include: cancer epidemiology, basic concepts of malignant process, TNM classification, modern advances in tumor biology and molecular biology including the effects of a variety of agents (chemical, radiation, viruses, oncogenes) that cause human cancer. Examines major types of cancer as well as present methods of cancer prevention and treatment. WOK: Scientific. Co-Requisite: BIOL-126L. (Formerly BIOU-126.)

BIOL-126L: The Biology of Cancer Lab Credits: 0
Taken in the same semester as BIOL-126. Lab is graded as part of the lecture. Co-Requisite: BIOL-126. (Formerly BIOU-126 L.)

BIOL-145: Forests and Fields Credits: 3 WOK: S
Specifically designed for the non-Science major. Serves as a field introduction to the ecology of the natural terrestrial habitats of the Northeast. Features an interdisciplinary focus on environmental pressures on different forest types and “old fields”. Stresses familiarity with plants and animals from these habitats. Two hours lecture and three hours lab. Field trips required. WOK: Scientific. Co-Requisite: BIOL-145L. (Formerly BIOU-145.)

BIOL-145L: Forests and Fields Lab Credits: 0
Taken in the same semester as BIOL-145. Lab is graded as part of the lecture. Co-Requisite: BIOL-145. (Formerly BIOU-145 L.)

BIOL-201: Cell Biology Credits: 4
Examines cellular structure, function, and metabolism. Topics include biogenetics, protein structure and function, enzymes, cellular organelles and metabolism, nucleic acids, chromosomes, cellular communication and transport. Laboratory techniques microscopic methods, electrophoresis of proteins and DNA, spectrophotometric assays and cell culture techniques. Co-Requisite: BIOL-201L. Pre-Requisite: BIOL-112 or with permission of the Instructor. (Formerly BIOU-201.)

BIOL-201L: Cell Biology Lab Credits: 0
Taken in the same semester as BIOL-201. Lab is graded as part of the lecture. Co-Requisite: BIOL-201. (Formerly BIOU-201 L.)

BIOL-203: Human Anatomy/Physiology I Credits: 4
The course covers the cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive and endocrine systems. In considering each system, structure and
function are studied concurrently. It is essential that as study of the human body progresses, parts will be integrated into the whole. Clinical considerations and unifying themes, such as homeostasis will be emphasized throughout in both semesters. Co-Requisite: BIOL-203L. Pre-Requisite: BIOL-112. (Formerly BIOU-203.)

BIOL-206L: General Zoology Lab Credits: 0
Weekly three-hour lab taken in the same semester as BIOL-206. Lab is graded as part of the lecture. (Formerly BIOU-206 L.)

BIOL-206: General Zoology Credits: 4  WOK: S
An introduction to the processes of life, the concepts of biological study, the relationships of the physical/chemical/biological world, and an overview of the anatomy and physiology of representatives of the zoological groups. Co-Requisite: BIOL-206L. WOK: Scientific. Pre-Requisite: BIOL-101, or BIOL-106, or BIOL-112. (Formerly BIOU-206.)

BIOL-206L: General Zoology Lab Credits: 0
Taken in the same semester as BIOL-206. Fields trip may be required. Lab is graded as part of the lecture. Co-requisite: BIOL-206. (Formerly BIOU-206 L.)

BIOL-210: Nutrition Credits: 4  WOK: S
An overview of the science of nutrition and its relationship to health will be taught with an emphasis on the functions of nutrients in the human organism, nutrient needs at various stages of life, and the effect nutrient inadequacies and excesses on health. Other related issues such as contemporary controversies in diet plans, American trends in food consumption, the effects of famine physically, economically and socially; developing self sustaining agricultural programs to feed people in underdeveloped countries; meal programs, and providing meals to low income families in the US will also be addressed. WOK: Scientific. Co-Requisite: BIOL-210L. (Formerly BIOU-210.)

BIOL-210L: Nutrition Lab Credits: 0
Laboratory experimentation that demonstrates or tests the nutrition principles presented in the BIOL-210 lecture taken in the same semester. Lab is graded as part of the lecture. Co-Requisite: BIOL-210. (Formerly BIOU-210 L.)

BIOL-217: Genetics Credits: 4
Introduces genetics at classical, molecular, and population levels. Topics include Mendelian genetics, linkage analysis, mutation, dominance relationships, quantitative genetics, the structure and properties of DNA, transcription, translation, recombination, DNA synthesis, and population genetics models. Co-Requisite: BIOL-217L. Pre-Requisite: BIOL-112 or with permission of the Instructor. (Formerly BIOU-217.)

BIOL-217L: Genetics Lab Credits: 0
Laboratory exercises illustrate principles discussed in the BIOL-217 lecture, which is taken in the same semester. Lab is graded as part of the lecture. Co-Requisite: BIOL-217. (Formerly BIOU-217 L.)

BIOL-233: Ecology and Evolutionary Biology Credits: 4
Weaves together the broader disciplines of ecology and evolution by introducing the student to a spectrum of sub-disciplines including population genetics, population ecology, community ecology, physiological ecology, macroevolution, systematics and functional morphology. The general theme is the interconnectedness of organism, environment and evolution and the mutual dependence of the two disciplines. The interrelationships of organisms with their environment (ecology) are the very basis for the selection pressure of evolution that leads to adaptation to that same environment. Field trips required. Co-Requisite: BIOL-233L. Pre-Requisite: BIOL-112. (Formerly BIOU-233.)

BIOL-233L: Ecology and Evolutionary Biol Lab Credits: 4
The laboratory is oriented to field research and is taken in the same semester as BIOL-233. Field trips required. Lab is graded as part of the lecture. Co-Requisite: BIOL-233. (Formerly BIOU-233 L.)

BIOL-300: Experimental Methods and Design Credits: 4  WOK: W
Considers the philosophy and sociology of science, their interaction and impact on the methodology of experimental design, implementation, data analysis and ethical issues in Biological research. Student teams design and implement small experiments, statistically analyze their data, perform peer reviews, write short research papers, give in-class presentations, keep lab notebooks, and prepare an end-of-semester research proposal. WOK: Writing Intensive Co-Requisite: BIOL-300L. Pre-Requisite: MATH-262. (Formerly BIOU-300.)

BIOL-312: Watersheds/Freshwater Ecology Credits: 4
Considers the interactive nature of watersheds as they affect chemical, physical, and biological processes of lakes, wetlands and streams. A research approach is used with active participation on a stream research or monitoring project. Co-Requisite: BIOL-312L. Pre-Requisite: CHEM-132. CHEM-242 is recommended but not required. (Formerly BIOI-312.)

BIOL-312L: Watersheds/Freshwater Ecology Lab Credits: 0
Taken in the same semester as BIOL-312. Lab is graded as part of the lecture. Co-Requisite: BIOL-312. (Formerly BIOU-312 L.)

BIOL-318: Human Anatomy and Physiology II Credits: 4
Covers the cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive and endocrine systems. In considering each system, structure and function are studied concurrently. It is
essential that as study of the human body progresses, parts will be integrated into the whole. Clinical considerations and unifying themes, such as homeostasis will be emphasized throughout. Co-Requisite: BIOL-318L. Pre-Requisite: BIOL-203. (Formerly BIOU-318.)

BIOL-318L: Human Anatomy and Physiology II Lab
Credits: 0
Taken in the same semester as BIOL-318. Lab is graded as part of the lecture. Co-Requisite: BIOL-318. (Formerly BIOL-318 L.)

BIOL-322: Terrestrial Ecology
Credits: 4
Considers the interactive nature of the terrestrial habitats, as they affect the chemical, physical and biological properties of the land. Scope includes urban and natural systems, and explores the open fields and their transition to forested land. A research approach is used with active participation on a forest or canopy research or monitoring project. Co-Requisite: BIOL-322L. Pre-Requisite: BIOL-112. (Formerly BIOL-322.)

BIOL-322L: Terrestrial Ecology Lab
Credits: 0
Taken in the same semester as BIOL-322. Field trips required. Lab is graded as part of the lecture. Co-requisite: BIOL-322L. (Formerly BIOL-322 L.)

BIOL-324: Microbiology
Credits: 4
Stresses the fundamentals of the discipline in this laboratory-oriented course. Studies the structure and function of prokaryotic and eukaryotic microorganisms with respect to metabolism, growth and development, and genetics. Co-Requisite: BIOL-324L. Pre-Requisite: BIOL-111. (Formerly BIOL-324.)

BIOL-324L: Microbiology Lab
Credits: 0
Taken in the same semester as BIOL-324. Lab is graded as part of the lecture. Co-Req: BIOL-324L. (Formerly BIOL-324 L.)

BIOL-325: Marine Biology
Credits: 4
Surveys different marine ecosystems with their biotic and abiotic factors. Concentrates on near-shore habitats. Emphasizes community interactions and current or projected environmental pressures. Co-requisite: BIOL-325 L. Pre-Requisite: BIOL-111. (Formerly BIOL-325.)

BIOL-325L: Marine Biology Lab
Credits: 0
Taken in the same semester as BIOL-325. Field trips required. Lab is graded as part of the lecture. Co-Requisite: BIOL-325. (Formerly BIOL-325 L.)

BIOL-326: Molecular Biology
Credits: 4
An introductory course on the theories and mechanisms of evolution – evolution of the universe, solar system, planets, geology of Earth, Biochemical and molecular evolution, and the evolutionary history of life on Earth. Examines the evolution of cells, differentiation, developmental processes, the evolutionary relationships among organisms, speciation and the diversity of life. Pre-Requisites: BIOL-201 and BIOL-217. (Formerly BIOL-333.)

BIOL-333: Evolution
Credits: 3
An introductory course on the theories and mechanisms of evolution – evolution of the universe, solar system, planets, geology of Earth, Biochemical and molecular evolution, and the evolutionary history of life on Earth. Examines the evolution of cells, differentiation, developmental processes, the evolutionary relationships among organisms, speciation and the diversity of life. Pre-Requisites: BIOL-201 and BIOL-217. (Formerly BIOL-333.)

BIOL-351: Molecular Biology
Credits: 3
An introduction to Molecular Biology. Topics include DNA replication, transcription, translation, regulation of gene expression, molecular evolution and recombinant DNA technology. Interspersed laboratory sessions include isolation and characterization of DNA and RNA, cDNA cloning, gene expression and bioinformatics. Co-Requisite: BIOL-351L. Pre-requisites: BIOL-201 and BIOL-217 or with permission of the Instructor. (Formerly BIOL-351.)

BIOL-351L: Molecular Biology Lab
Credits: 0
Taken in the same semester as BIOL-351. Lab is graded as part of the lecture. Co-Requisite: BIOL-351L. (Formerly BIOL-351 L.)

BIOL-401: Internship in Biology
Credits: 3
Provides the Biology major the opportunity to integrate academic learning with practical experience. Students should begin to explore their internship prospects by the end of their sophomore year. Internship credit can be obtained for any Department approved research experience. Graded Pass/Fail only. Repeatable for credit. (Formerly BIOL-401.)

BIOL-410: Immunology
Credits: 4
An introduction to immunology. Topics include humoral and cellular immunology, immunogenetics, immune regulation, hyper-sensitivity, autoimmunity and immune diseases. Laboratory techniques include, cellular assays, immunodiffusion assays, ELISA, and antibody isolation. Co-Req: BIOL-410L. Pre-Requisite: BIOL-201. (Formerly BIOL-410.)

BIOL-410L: Immunology Lab
Credits: 0
Taken in the same semester as BIOL-410. Lab is graded as part of the lecture. Co-Req: BIOL-410. (Formerly BIOL-410 L.)

BIOL-411: Developmental Biology
Credits: 4
Classical embryology and biochemical, molecular biology and evolution of animal development. Topics include fertilization, cleavage, gastrulation, cell differentiation, induction, positional information, organ and pattern formation. Co-Req: BIOL-411 L. Pre-Requisites: BIOL-201; BIOL-203; and BIOL-217. (Formerly BIOL-411.)

BIOL-411L: Developmental Biology
Credits: 0
Laboratory includes microscopic examination of animal development and biochemical analysis of molecular mechanisms of development taken in the same semester as BIOL-411. Lab is graded as part of the lecture. Co-Req: BIOL-411. (Formerly BIOL-411 L.)

BIOL-412: Endocrinology
Credits: 3
Covers endocrine systems, a short chronology and historical aspects of endocrine research and endocrine glands, with emphasis on mammalian systems, particularly that of humans. The concept of homeostasis with special reference to the roles of chemical messengers in the control
of homeostatic systems. Topics include endocrine function, hormone-receptor mechanisms, sites of hormone action, structure of endocrine glands, mechanisms of hormone secretion and transport, factors which control hormone action, and hormonal interaction as well as endocrine malfunctions leading to clinical disorders.

(No lab is associated with this lecture.) Pre-Requisites: BIOL-203 and BIOL-318. (Formerly BIOU-412.)

**BIOL-413: Conservation/Restoration Biology**
Credits: 3
Teaches the concept of conservation as applied to ecosystems such as forests, watersheds, and estuaries relative to all the wildlife as well as the threatened plants and animals. Introduces the ideas of sustained use, limited use, and protected use. Incorporates the emerging field of restoration. Teaches the ideals behind cleaning up spills, rebuilding eroded banks, and recreating an environment where the natural and native plants and animals can flourish again. Co-Requisite: BIOL-413L. Pre-Requisite: BIOL-206. (Formerly BIOU-413.)

**BIOL-413L: Conservation/Restoration Bio Lab**
Credits: 0
Taken in the same semester as BIOL-413. Field trips required. Lab is graded as part of the lecture. Co-Requisite: BIOL-413. (Formerly BIOU-413 L.)

**BIOL-481: Advanced Special Topics in Biology**
Credits: 3
An in-depth study of selected topic areas in biology. Course is 3 or 4 credits depending upon the topic; a lab may also be required. Past topics have included human disease, human nutrition, cell and cancer medicine, animal nutrition, and biochemistry of inherited diseases. May include a laboratory depending on the area covered. Pre-Requisite: BIOL-112 or with permission of the Instructor. (Formerly BIOU-481.)

**BIOL-481L: Advanced Special Topics in Bio Lab**
Credits: 0
Weekly three-hour lab taken in the same semester as BIOL-481, if required. Lab is graded as part of the lecture. (Formerly BIOU-481 L.)

**BIOL-498: Senior Seminar in Biology**
Credits: 3
Study and discussion of topics relating to an independent laboratory or field research project in the area of biomedical and/or biological sciences. Course includes oral and written presentation of student research projects as the major criteria. Students are expected to participate in a research project appropriate for their major. Emphasis is placed on participation in classroom discussions on various research projects. Students with double majors, especially Biology and Chemistry, are required to conduct two independent research projects, each appropriate for the major. The Senior Seminar is usually taken in either the Fall or Spring of the student's Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105, or IDHP-200; plus a Writing Intensive course, which is usually BIOL-300. (Formerly BIOL-498.)

**CHEM-103: Chemistry and Public Policy**
Credits: 4  WOK: S
An introductory course for non-science majors who have little or no background in chemistry and minimal mathematical background. The chemical basis of environmental and health issues confronting society will be discussed in their socioeconomic and political context. Emphasis will be on applying knowledge of chemistry to current public policy issues. WOK: Scientific. Co-Requisite: CHEM-103L. (Formerly CHEMU-103.)

**CHEM-103L: Chemistry and Public Policy Lab**
Credits: 0
Laboratory exercises are designed to give students knowledge of scientific measurements and the reasoning required for interpreting experimental data. Taken in the same semester as CHEM-103. Lab is graded as part of the lecture. (Formerly CHEMU-103 L.)

**CHEM-106: Introduction to Forensic Science**
Credits: 4  WOK: S
A course that focuses on the application of science in the criminal justice system. Emphasis will be placed on the common items of physical evidence encountered at crime scenes. The techniques of forensic analysis as well as procedures and practices relating to the proper collection and preservation of evidence will be studied. WOK: Scientific. Co-Requisite: CHEM-106L. (Formerly CHEMU-106.)

**CHEM-106L: Intro to Forensic Science Lab**
Credits: 0
Laboratory activities will focus on techniques of analysis of evidence and on critical thinking. Taken in the same semester as CHEM-106. Lab is graded as part of the lecture. Co-Requisite: CHEM-106. (Formerly CHEMU 106L.)

**CHEM-121: Chemistry Study Group**
Credits: 0
Required of students designated by the Department. (New course Fall 2010.)

**CHEM-131: Principles of Chemistry I**
Credits: 4  WOK: S
This two-semester course examines the principles and concepts underlying chemical behavior. Topics covered include the periodic table of the elements, the gas laws, chemical reactions, molecular structure, acids and bases, kinetics, and thermodynamics. WOK: Scientific. Co-Requisite: CHEM-131L. (Formerly CHEMU-131.)

**CHEM-131L: Principles of Chemistry I Lab**
Credits: 0
Lab work includes qualitative and quantitative analysis as well as validation of lecture principles. Problem solving skills are emphasized throughout. Taken in the same semester as CHEM-131. Lab is graded as part of the lecture. (Formerly CHEMU-131 L.)

**CHEM-132: Principles of Chemistry II**
Credits: 4  WOK: S
Examines the principles and concepts underlying chemical behavior. Topics covered include the periodic table of the elements, the gas laws, chemical reactions, molecular structure, acids and bases,
CHEM-132L: Principles of Chemistry II Lab
Credits: 0
Lab work includes qualitative and quantitative analysis as well as validation of lecture principles. Problem solving skills are emphasized throughout. Taken in the same semester as CHEM-132. Lab is graded as part of the lecture. (Formerly CHEMU-132 L.)

CHEM-201: Intro/Chemical Info/Technical Comm
Credits: 1.5
Uses of electronic and hardbound chemical literature. Elements of research and writing in the chemical field. Ethical considerations in research. Students will be evaluated on written, oral, and/or poster presentation of library-based research. Pre-Requisite: CHEM-132. (Formerly CHEMU-201.)

Credits: 4  WOK: S
A one-semester introduction to the principles of organic chemistry. Covers the fundamental concepts in organic chemistry and applies these concepts to biologically active compounds. WOK: Scientific. Co-Requisite: CHEM-202L. Pre-Requisite: CHEM-132. (Formerly CHEMU-202.)

CHEM-215: Organic Chemistry I
Credits: 4  WOK: S
The first semester of a two-semester introduction to the principles of organic chemistry. Focuses on the structure of organic compounds and how that structure determines reactivity. Analytical methods include gas chromatography/mass spectrometry and infrared spectroscopy. WOK: Scientific. Pre-Requisite: CHEM-132 with a grade of C- or better. (Formerly CHEMU-215.)

CHEM-215L: Organic Chemistry I Lab
Credits: 0
Laboratory work includes an introduction to basic techniques used in Organic Chemistry as well as investigations into the properties and reactions of Organic compounds. Weekly three-hour lab taken at the same time as CHEM-215. Lab is graded as part of the lecture. (Formerly CHEMU-215L.)

CHEM-216: Organic Chemistry II
Credits: 4  WOK: S
This is the second semester of a two-semester sequence of introductory Organic Chemistry. This course continues to examine the structure and reactivity of carbon compounds, with an emphasis on applying learned reactions to the synthesis of a range of organic compounds. Analytical methods include nuclear magnetic resonance spectroscopy. Co-Requisite: CHEM-216L. WOK: Scientific. Pre-Requisite: CHEM-215 with a grade of C- or better. (Formerly CHEMU-216.)

CHEM-216L: Organic Chemistry II Lab
Credits: 0
Laboratory work includes an introduction to basic techniques used in Organic Chemistry as well as investigations into the properties and reactions of Organic compounds. A semester-long project of identifying unknowns through qualitative and quantitative methods is required. Weekly three-hour lab taken at the same time as CHEM-216. Lab is graded as part of the lecture. (Formerly CHEMU-216L.)

CHEM-218: Medicinal Chemistry
Credits: 3
A study of medicinal compounds such as pharmacodynamic and chemotherapeutic agents, vitamins and hormones. Considers the relationship of physio-chemical properties of drugs to their biological activity. Pre-Requisite: CHEM-215. (Formerly CHEMU-218.)

CHEM-241: Toxicology
Credits: 3
A study of the general principles of toxicology with a focus on poisons, their chemical action in the body (pharmacokinetics and pharmacodynamics), their biological effects and their detection. Specific focus will be on environmental toxins and pharmaceuticals. Pre-Requisite: CHEM-215. (Formerly CHEMU-241.)

CHEM-242: Environmental Chemistry
Credits: 3
Studies the sources, fate, and removal/remediation of environmental pollutants with a specific focus on atmospheric pollutants, toxic organic compounds, and water contaminants. Pre-Requisite: CHEM-215. (Formerly CHEMU-242.)

CHEM-250: Introduction to Biochemistry
Credits: 3
A one semester course covering the principles of biochemistry. Topics include: protein structure, function and regulation; enzyme kinetics and mechanisms; intermediary metabolism; and molecular biology. This course does NOT meet the Biochemistry requirement for majors in Biochemistry or Forensic Sciences. Pre-Requisite: CHEM-215. (Formerly CHEMU-250.)

CHEM-301: Analytical Chemistry
Credits: 5
An introduction to the field of analytical chemistry. Topics to be included are: advanced acid/base chemistry, molecular and atomic spectroscopy, and separation methods. Co-Requisite: CHEM-301L. Pre-Requisite: CHEM-216. (Formerly CHEMU-301.)

CHEM-301L: Analytical Chemistry Lab
Credits: 0
Taken in the same semester as CHEM-301. Lab is graded as part of the lecture. Co-Requisite: CHEM-301. (Formerly CHEMU-301L.)

CHEM-303: Instrumental Analysis
Credits: 4
An advanced study of spectroscopy, mass spectrometry, and nuclear magnetic resonance spectrometry. Co-Requisite: CHEM-303L. Pre-Requisite: CHEM-301. (Formerly CHEMU-303.)

CHEM-303L: Instrumental Analysis Lab
Credits: 0
An advanced laboratory study of spectroscopy, mass spectrometry and nuclear magnetic resonance spectrometry. Four-hour lab taken in the same semester as CHEM-303. Labs are graded as part of the
lecture. Co-Requisite: CHEM-301. (Formerly CHEMU-303L.)

CHEM-307: Biochemistry I
Credits: 4
This is the first semester of a 2-semester introductory biochemistry course. Topics include: structure and properties of amino acids, carbohydrates and lipids; protein structure; membrane structure and transport across membranes; enzyme structure, mechanisms, and regulation; and laboratory procedures used in the extraction, separation and identification of biological molecules. Pre-Requisite: CHEM-216. (Formerly CHEMU-307.)

CHEM-308: Biochemistry II
Credits: 4
This is the second semester of a 2-semester introductory biochemistry course. The semester focuses on metabolism, its regulation and metabolic disorders. Topics include: glycolysis, hexose monophosphate pathway; glycogen synthesis and breakdown; gluconeogenesis; tricarboxylic acid cycle; oxidative phosphorylation; lipid metabolism; amino acid metabolism; comparison of metabolism in various tissues of mammals and photosynthesis. Pre-Requisite: CHEM-216. (Formerly CHEMU-308.)

CHEM-313: Physical Chemistry I
Credits: 4
Thermodynamics and Kinetics. Topics include: laws of thermodynamics, chemical and phase equilibrium, and introduction to kinetics. Co-requisite: CHEM-313L. Pre-Requisites: CHEM-132 and PHYS-122. (Formerly CHEMU-313.)

CHEM-314L: Physical Chemistry II Lab
Credits: 0
Taken in the same semester as CHEM-314. Labs are graded as part of the lecture. (Formerly CHEM-314L.)

CHEM-317: Special Methods in Chemistry
Credits: 3
Integrates general principles of education and the teaching process into the teaching of chemistry on a secondary level. Special focus on preparing and conducting laboratory experiments. Required of all who seek Secondary Education Certification in Chemistry. Pre-Requisite: Permission of the Instructor. (Formerly CHEMU-317.)

CHEM-340: Inorganic Chemistry
Credits: 4
Topics include: structure and bonding, solid-state chemistry, spectroscopy and catalysis. Three hours lecture and 3 hours laboratory. Pre-Requisites: CHEM-216, CHEM-303 and CHEM-314. Co-Requisite: CHEM-340L. (Formerly CHEMU-340.)

CHEM-340L: Inorganic Chemistry Lab
Credits: 0
Taken in the same semester as CHEM-340. Lab is graded as part of the lecture. Co-Requisite: CHEM-340. (Formerly CHEMU-340.)

CHEM-401: Internship in Chemistry
Credits: 3
An off-campus experience to help the student to relate theories and skills to the practical aspects of a clinical or industrial laboratory. Requires on-site supervision by a faculty member, discussion with the laboratory director, and a written laboratory report. Repeatable for up to 6 credits. Graded Pass/Fail only. Pre-Requisite: Permission of the Department. (Formerly CHEMU-401 and CHEMU-402.)

CHEM-405: Advanced Organic Chemistry
Credits: 3
An introduction to the field of physical organic chemistry with emphasis on qualitative molecular orbital theory, stereochemistry, and conformational analysis. Part of the course will focus on a topic in the current literature. Pre-Requisite: CHEM-216. (Formerly CHEMU-405.)

CHEM-413: Advanced Physical Chemistry
Credits: 3
Topics include: atomic and molecular structure, theoretical spectroscopy, statistical thermodynamics. Pre-Requisite: CHEM-314. (Formerly CHEMU-413.)

CHEM-481: Special Topics in Chemistry
Credits: 3
An in-depth study of selected topic areas in chemistry. Topics vary from year to year. May include a laboratory depending on the topic chosen. Repeatable for credits. Pre-Requisite: Permission of Instructor. (Formerly CHEMU-481 and CHEMU-482.)

CHEM-498: Senior Seminar/Chem-Biochem-For Sci
Credits: 3
Capstone course of the Chemistry, Biochemistry, and Forensic Science majors. The emphasis of this course is three-fold: areas of significant research in the fields of Chemistry, Biochemistry, and Forensic Chemistry through the reading of current literature; ethics in scientific research; and a research paper, poster, and oral presentation of previously completed research. This research is undertaken on or off campus, during summer internships or during the school year, in an advisor-approved area of Chemistry, Biochemistry, or Forensic Science. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-requisites: ENGL-101, ENGL-105, or IDHP-200 plus a Writing Intensive course. (Formerly CHEMU-498.)

CHIN-101: Elementary Chinese I
Credits: 3
Beginning-level course designed for students who have no previous knowledge of spoken or written Chinese. The course is an introduction to basic language skills in speaking, reading and writing modern Chinese. (Formerly CHINU-101.)

CHIN-102: Elementary Chinese II
Credits: 3
Continues an introduction to basic language skills in speaking, reading and writing
modern Chinese from CHIN-101. (Formerly CHINU-102.)

**CHIN-103: Intermediate Chinese I**
Credits: 3
Further development of skills in Elementary Chinese I and II including grammar, listening comprehension, and vocabulary usage in the context of useful daily conversation. (Formerly CHINU-103.)

**CHIN-104: Intermediate Chinese II**
Credits: 3
Continued development of skills including grammar, listening comprehension, and vocabulary usage in the context of useful daily conversation. (Formerly CHINU-104.)

**CLCV-151: Enter the Hero and the Heroine**
Credits: 3  WOK: L
The Iliad, Odyssey, and Aeneid are read in English. Attention to epic poetry, the changing ideal of heroism, the influence of epic on Greek and Roman civilization and on European literature. WOK: Literary. (Formerly CLCVU-151.)

**CLCV-153: Mythology as Living Tradition**
Credits: 3  WOK: L
A study of the great myths of the ancient world in connection with the religious and literary tradition and the evidence of ancient art. Persistent mythological themes, such as that of Oedipus, seen in a modern context. WOK: Literary. (Formerly CLCVU-153.)

**CMDF-200: Introduction to Digital Forensics**
Credits: 3
Provides an introduction to Digital Forensics from a theoretical and practical perspective and an introduction to investigative tools and techniques used in the field. Personal computer operating system architectures and disk structures are reviewed and the proper use of available computer forensic hardware and software tools are examined. Other topics include the importance of digital evidence controls, the method of processing crime and incident scenes, the details of data acquisition, and the requirements of an expert witness. The course provides a range of laboratory and hands-on activities and assignments that emphasize both the theory and the practical application of computer forensic investigations. Pre-Requisites: CMTC-190; CMSC-190; and CRJU-122. CMTC-260 is recommended but not required. (New course Spring 2011.)

**CMDF-220: Legal Issues/Digital Forensics I**
Credits: 3
Provides students with an introduction to the laws of search and seizure and the civil and criminal laws pertaining to computers and the seizure of computer evidence. Students will examine cases and statutes from appropriate sources including the United States Constitution and Federal and State laws pertaining to Internet and email records, ECPA, search warrants and probable cause. Pre-requisite: CMDF-200 or permission of the instructor. (New course Spring 2011.)

**CMDF-240: Legal Issues/Digital Forensics II**
Credits: 3
Provides further understanding of the laws of search and seizure and the civil and criminal laws pertaining to computers and the seizure of computer evidence. In particular, students will examine federal and state law regarding privacy in and search and seizure of electronic information, Pennsylvania's Computer Crime Section as well as those of other states, the steps of e-discovery production, an introduction to the federal rules governing e-discovery, a discussion on EDD best practices and an examination of case law. Pre-requisite: CMDF-200 or permission of the instructor. (New course Spring 2011.)

**CMDF-320: Legal and Technical Writing in DF**
Credits: 3
Provides practical applications in legal and technical report writing in the area of Digital Forensics. In particular, students will examine what is involved in drafting complaint evaluations, witness statements, ECPA orders, search warrants and affidavits. Students will also examine data mapping in civil discovery, the use of reports in evaluating an investigation, the importance of e-discovery rules and the process of conducting a search. Pre-requisite: CMDF-240. (New course Spring 2011.)

**CMSC-190: Introduction to Programming Logic**
Credits: 3  WOK: P
Introduces students to the logic required for computer programming. Students will initially learn the concepts related to most languages including variables, assignment statements, branches, loops and subprograms. Students will also concentrate on the logic required to design a program before it is coded. During the second half of the semester, students will be introduced to the basic syntax of a specific programming language. WOK: Problem Solving. (Formerly CMSCU-190.)

**CMSC-205: Systems Analysis and Design**
Credits: 3  WOK: P
Provides a study of the information system life cycle and the use of systems design methodologies to develop single and multi-user systems. Topics include project management techniques, security techniques, and system testing and implementation. WOK: Problem Solving. Pre-Requisite: CMSC-190. (Formerly CMSCU-205.)
CMSC-210: Programming in Java  
Credits: 4  WOK: P  
Introduces students to object-oriented computer programming using the Java programming language. Topics include variable, control structures, methods, objects, classes, arrays, files, exceptions and inheritance. WOK: Problem Solving. Pre-requisite: CMSC-190. (Formerly CMSCU-210.)

CMSC-251: Data Structures  
Credits: 4  
Focuses on advanced programming methodologies and procedural abstractions based on the analysis of data structures and algorithms. Topics include the analysis and application of basic data structures such as stacks, queues, lists and trees. Methods include the use of sorting and searching algorithms on various implementations of lists and the use of recursion as a control abstraction as well as the comparison of these algorithms using "Big-O" notations. This course also covers some advanced topics in Java programming. Pre-requisite: CMSC-210. (Formerly CMSCU-251.)

CMSC-280: CS History, Trends & Ethical Issues  
Credits: 3  WOK: W  
Provides an in-depth study of the history of computer science, explores current and future developments in computer science, and examines ethical issues that challenge society as a result of computer technology. WOK: Writing Intensive. Pre-requisite: CMTC-190 or permission of the Chairperson. (Formerly CMSCU-280.)

CMSC-281: Special Topics in Comp/Info Sci  
Credits: 3  
Covers current topics in computer science, such as human computer interaction and server-side programming. (New course Fall 2010.)

CMSC-285: Algorithms in AI and Robotics  
Credits: 3  
Introduces students to methods for the design and analysis of complex algorithms with a focus on Artificial Intelligence. Several algorithm design techniques will be discussed including: brute force, divide-and-conquer, space and time tradeoffs, greedy approach, backtracking and branch-and-bound. Pre-requisite: CMSC-251. (Formerly CMSCU-285.)

CMSC-300: Application Development and Design  
Credits: 3  
Focuses on application development techniques using a current programming language. Students learn techniques of developing a large application in a team environment. Pre-requisite: CMSC-251. (Formerly CMSCU-300.)

CMSC-310: Research Meth in Comp and Info Sci  
Credits: 3  
Provides an examination of research methodologies and procedural abstractions based on the analysis of data structures and algorithms. Topics include the analysis and application of basic data structures such as stacks, queues, lists and trees. Methods include the use of sorting and searching algorithms on various implementations of lists and the use of recursion as a control abstraction as well as the comparison of these algorithms using "Big-O" notations. This course also covers some advanced topics in Java programming. Pre-requisite: CMSC-210. (Formerly CMSCU-310.)

CMSC-321: Communications and Networks  
Credits: 3  
Students examine current methods and practices in the use of computer networks. Topics include network architecture and communication protocols, network elements, datalink, switching and routing, end-to-end protocols, LANS, and data security. Pre-Requisites: CMSC-210 and CMTC-230. (Formerly CMSCU-321.)

CMSC-350: Computer Architecture/Logic Design  
Credits: 3  
Students examine the organization and architecture of computer systems through study of the logical and engineering principles governing the internal operations of the computer. Topics include gates, circuits, combinational logic, sequential logic, computer arithmetic, control unit and arithmetic logic unit, memory, and an introduction to assembly language. Pre-Requisites: CMSC-210 and CMTC-190. CMSC-251 is recommended but not required. (Formerly CMSCU-350.)

CMSC-401: Internship in Comp and Info Sci  
Credits: 3  
An internship provides the computer and information sciences major with the opportunity to experience the role of the information resource person in a business or other organization. Open to students with Junior or Senior status. Graded Pass or Fail only. Repeatable for credit. (Formerly CMSCU-401 and CMSCU-402.)

CMSC-481: Adv Special Topics in Comp/Info Sci  
Credits: 3  
Covers current topics in computer technology, such as graphics animation or server-side web programming. Repeatable for credit. (Formerly CMSCU-481 and CMSCU-482.)

CMSC-498: Senior Seminar: Comp and Info Sci  
Credits: 3  
Students further develop the area of research that was begun in CMSC-310 to design and implement a research project and presentation. Students also discuss several articles that focus on current topics in Computer Science which were not covered in structured courses. The Senior Seminar is usually taken in either the Fall or Spring of the student's Senior year. Students register for this course upon approval of the academic advisor. Pre-requisites: CMSC-310 with a grade of C or better; ENGL-101, ENGL-105, or IDHP-200 plus a Writing Intensive course. (Formerly CMSCU-498.)

CMTC-101: Intro to Computer Organization  
Credits: 1  
This five-week course introduces the student to Microsoft Windows XP. Students learn many of the fundamental concepts of managing files, using Windows Explorer, and customizing and navigating the desktop environment. Fulfills the Computer Organization module of the computer proficiency. (Formerly CITU-101.)

CMTC-102: Introduction to Microsoft Word  
Credits: 1  
This five-week course introduces the student to Microsoft Word. The student learns the basic components of word processing as well as some advanced
features including creating tables and inserting graphics. Fulfills the Word Processing module of the computer proficiency. Suggested pre-requisite: CMTC-101. (Formerly CITU-102.)

CMTC-103: Introduction to Microsoft Excel
Credits: 1
This five-week course introduces the student to Microsoft Excel. The student learns the basic components of creating a spreadsheet as well as some advanced features. Fulfills the spreadsheet module of the computer proficiency. Suggested prerequisites: fulfillment of Math Proficiency; CMTC-101 and CMTC-102. (Formerly CITU-103.)

CMTC-120: Research/Formatting Academic Papers
Credits: 1
Builds on introductory word processing skills most students learn before they come to college. It will focus on word processing features students need for formatting academic research papers and will concentrate on how to use the Internet for academic research. Students will apply the word processing skills learned in this course by formatting a paper developed from the Internet research skills they are presented. Fulfills the Researching and Formatting Academic Papers module of the computer proficiency for first year students beginning Fall 2010. (New course Spring 2011.)

CMTC-142: Introduction to Internet Research
Credits: 1
During this five-week course students learn how to perform searches on the Internet using various databases and search engines. Students also learn advanced e-mail features, including how to create an address book and how to send an attachment. Fulfills the Internet module of the computer proficiency. Suggested pre-requisites: CMTC-101 and CMTC-102. (Formerly CITU-142.)

CMTC-160: Intro to Microsoft PowerPoint
Credits: 1
During this five-week course students gain proficiency in developing computer-based presentations using the software program PowerPoint by Microsoft. Fulfills the Presentation module of the computer proficiency. Suggested pre-requisites: CMTC-101 and CMTC-102. (Formerly CITU-160.)

CMTC-180: Intro to Microsoft Access Database
Credits: 1
This five-week course introduces students to the development of a database using Microsoft Access. Students learn how to create and modify database tables, reports and queries. Students learn how to use the features of a database to analyze information. Suggested pre-requisites: CMTC-101 and CMTC-102. (Formerly CITU-180.)

CMTC-185: Intermediate PowerPoint
Credits: 1
Builds on introductory PowerPoint skills. Focuses on creating charts, tables, custom shows and SmartArt; using the Slide Master; inserting action buttons; adding custom animation; working with bulleted lists; importing from/exporting to Word; linking and embedding objects; packaging a presentation for a CD; and incorporating design elements and public speaking. Fulfills the PowerPoint module of the computer proficiency for all students. Recommended Pre-Requisite: student should have introductory knowledge of PowerPoint. (New course Spring 2011.)

CMTC-190: Intro to Microsoft Office Word Processing
Credits: 1
Provides a challenging introduction to technology for students interested in a major or minor in computer and information technology or related fields. Topics include elements of computer architecture and peripherals, fundamentals of computer networking, and ethical issues related to technology. Upon the completion of this course students should be prepared to take the A+ Certification Examination. (Formerly CITU-190.)

CMTC-200: Intro to Web Development and Design
Credits: 3
Students examine current web design techniques and learn how to create effective web pages using a web-authoring suite, such as Adobe Dreamweaver. The course also includes an on-going discussion regarding site composition, acceptable color use, font use and viewer friendly graphics. Upon the completion of this course students should be prepared to take the Adobe ACA examination for Dreamweaver. (Formerly CITU-200.)

CMTC-201: Designing Websites
Credits: 3
Focuses on the design of websites rather than on web development. In particular, the course will examine the importance of layout and composition, color, typography, imagery, and texture. A portion of this course will also focus on the use of Adobe Acrobat Professional. Pre-Requisite: CMTC-200. (Formerly CITU-201.)

CMTC-205: Computer Graphics Design
Credits: 3
Through the use of computer graphics technology, students learn how to use the powerful and creative tools in Adobe Illustrator to create original artwork, edit clipart, and generate unusual and stylized text. Emphasis will be placed on the use of vector/object-oriented software as a design tool in the fields of graphic and fine art. The course also includes a discussion regarding the considerations necessary for final output including color models, resolution, inkjet and offset printing, and preparation for the Web. (Formerly CITU-205.)

CMTC-210: Computer Graphics with Photoshop
Credits: 3
Students learn the essentials of image enhancement by developing the understanding and skills needed to edit raster/bitmapped graphics. Students explore the basic concepts of color correction, photo retouching, compositing (photo montages), photographic manipulation, digital darkroom techniques and the preparation of images for use on the World Wide Web. Image resolution, color models and printing issues are also covered. Upon the completion of this course students should be prepared to take the Adobe ACA examination for Photoshop. (Formerly CITU-210.)
CMTC-215: Desktop Publishing
Credits: 3
Students learn the theory and techniques of desktop publishing. The software program used for this course is Adobe InDesign, a leading layout and design software program for print media. The course also includes appropriate discussions on the properties of good page design. An introduction to thematic approaches to books, magazines, brochures, letterheads, etc. is also discussed. CMTC-205 and CMTC-210 are recommended but not required. (Formerly CITU-215.)

CMTC-230: Info Systems for Organizations
Credits: 3
Provides an introduction to computer networks and data communications, data and signals, using conducted and wireless signals. Students consider local information exchanged through global networking. Additional topics incorporate the study of communications hardware and software and the ethical and moral issues emanating from the communications explosion. Pre-requisites: CMTC-101, 102, 142, and 190. (Formerly CITU-230.)

CMTC-250: Management Information Systems
Credits: 3
Introduces students to the technology development process. The course combines traditional classroom activities with hands-on activities, such as identifying a promising opportunity and developing an e-business plan, in order to provide students with a foundation that is both conceptual and practical. The course focuses on managerial, psychological, and technical issues in implementing MIS strategies. The course builds on all business disciplines such as computer science, management, marketing and sales, operations management, project management, economics, purchasing, organizational behavior, and more. Pre-requisites: CMTC-103; CMTC-180; and CMTC-190. BADM-104 is recommended but not required. (New course Spring 2011.)

CMTC-260: Applied Operating Systems
Credits: 3
Provides a hands-on introduction to various operating systems such as Windows, UNIX, and Macintosh. Students are introduced to the fundamental concepts underlying all operating systems and learn how to implement these concepts on each system. An emphasis will be placed on overall ethical and legal issues regarding ownership and use of operating systems. Pre-requisite: CMTC-190. (Formerly CITU-260.)

CMTC-280: Information Mgmt/SQL Programming
Credits: 3  WOK: W
Introduces students to the fundamentals of information management using Oracle or Microsoft SQL Server, from simple applications through database programming and Structured Query Language. This course is recommended for students planning a career in business and information sciences. WOK: Writing Intensive. Cross-listed: BADM-280. Pre-Requisite: CMSC-190. (Formerly CITU-340.)

CMTC-281: Special Topics in Comp/Info Tech
Credits: 3
Covers current topics in computer technology, such as graphics animation or server-side web programming. Repeatable for credit. (New course Fall 2010.)

CMTC-300: Web Design: xHTML and Javascript
Credits: 3
Introduces students to creating interactive web pages using xHTML and Javascript. Students will incorporate design techniques developed in CMTC-200. Pre-requisite: CMTC-200. (Formerly CITU-300.)

CMTC-310: Research Meth in Comp and Info Tech
Credits: 3
Provides an examination of research methods in computer technology. Students select a possible seminar topic and complete a literature search and review. Usually completed first semester of senior year. A grade of C or better is required in this course. (Formerly CITU-310.)

CMTC-320: Presentations in Multimedia
Credits: 3
Students develop a multimedia production in which text, graphics, audio and video are combined in an original creation. Students acquire skill in the analysis and application of presentation software using Adobe Flash. This course enables students to develop modes of communication and presentation that utilize the potential of developing technologies. Upon the completion of this course students should be prepared to take the Adobe ACA examination for Flash. Pre-requisites CMTC-205, CMTC-210 and COMM-221. (Formerly CITU-320.)

CMTC-330: Intro/Programming in Visual Basic
Credits: 3  WOK: P
Introduces students to the Visual Basic programming language. Students attend class four hours per week, including a significant amount of laboratory time. Some previous programming knowledge is required. WOK: Problem Solving. Pre- Requisite: CMSC-190 or with permission of the Chairperson. (Formerly CITU-330.)

CMTC-401: Internship in Comp and Info Tech
Credits: 3
Students experience fieldwork in the area of information management, webmaster assistant, web development, computer hardware, computer software, technology troubleshooter, or another technology-related area. Open to students with Junior or Senior status only. Repeatable for credit. (Formerly CITU-401 and CITU-402.)

CMTC-481: Adv Spec Topics in Comp/Info Tech
Credits: 3
Covers current topics in computer technology, such as graphics animation or server-side web programming. Repeatable for credit. (Formerly CITU-481.)

CMTC-498: Senior Seminar in Comp/Info Tech
Credits: 3
Students further develop the area of research that was begun in CMTC-310 to design and implement a research project and presentation. Students also discuss several articles that focus on current topics in Computer Technology which were not covered in structured. The Senior Seminar...
COMM-102: Newspaper Workshop
Credits: 1
How to write and edit AP style news and feature articles, produce writing samples for their portfolios, and/or utilize their graphic design skills, while earning applied credits. It was created in response to a need expressed by the current editors and advisor of the newspaper to encourage greater student participation, especially among incoming freshman. The newspaper cannot fully function without committed, regular student involvement. It is crucial that students also receive some professional training on how to conduct interviews, quote sources, and write and edit AP style articles. Graded Pass/Fail only. Repeatable for up to three credits. (Formerly COMU-102.)

COMM-110: Introduction to Communication
Credits: 3  WOK: B
An examination of the factors that enhance or inhibit effective communication in a variety of settings including interpersonal, intercultural, group, organizational and mass communication settings. WOK: Behavioral. (Formerly COMU-110.)

COMM-112: Television Workshop
Credits: 1
Teaches students how to gather and disseminate the campus television news. Provides hands-on opportunities to write, shoot, narrate and edit a complete story, anchor the news and work with a crew. Repeatable for up to three credits. (Formerly COMU-112.)

COMM-141: Introduction to Journalism
Credits: 3
Introduces students to the principles and methods of journalistic writing. Students learn how to write for major types of news media: newspaper, in both print and on-line versions, radio and television. (New course Fall 2011.)

COMM-201: Introduction to Film Analysis
Credits: 3
Traces the historical foundations of film production and progresses to current trends. An overview of film history, narrative, genre, aesthetics and production guidelines will be covered. Students will learn to analyze and write critically about film. (Formerly COMU-201.)

COMM-203: Visual Literacy
Credits: 3
Introduces students to the principles of visual design and composition used in media production. Students analyze the creative techniques used in photography and film. This course serves as a foundation for video production courses. (Formerly COMU-203.)

COMM-210: Interpersonal/Organizational Comm
Credits: 3  WOK: B
A study of the ways in which people generate meaning in interpersonal transactions through the use of language, space, gesture, sexuality, and time. Analyzes dynamics of communication processes within the contexts of organizations including topics such as motivation, leadership, and decision-making, WOK: Behavioral. (Formerly COMU-210.)

COMM-221: Video Design and Production I
Credits: 3
A basic "hands on" introduction to video production, with emphasis on learning how to use the camera and related equipment, developing visual stories, writing a treatment and pre-production organizing and planning. Students will focus on understanding light, becoming familiar with production terms and equipment, improving shot design, planning for camera movement and placement, "shooting to edit", and harnessing the power of sound. Various aesthetic as well as ethical concerns are covered. Pre-requisite: COMM-203. (Formerly COMU-221.)

COMM-230: Audio Production
Credits: 3
In today’s world, the role of audio production has expanded tremendously as technology continues to broaden the communication horizon. The skills and techniques you will learn in this course will have direct application to audio needs in many industries: radio/television broadcasting, movies, music, and the worldwide web. This extremely "hands on" course will teach you about the production process; how to prepare and write a script for recording, how to record sounds correctly, how to edit digital audio information, and how to create exciting, almost three dimensional, audio environments. In short, you will learn how to "manipulate" sounds - narration, music, and sound effects - to create dynamic productions that will absorb your audiences. In so doing, you will then experience the great reward of taking a concept from thought to something that can be heard by an audience who will then create ideas of their own which you intended to produce. As an additional benefit, you will learn how to more successfully incorporate sound into your production arsenal of techniques and tools. This is great for video, film, and even business presentations. Evoking human emotion through the power of sound is what this course is all about. --No textbook is required for this course.

COMM-251: Mass Media and Society
Credits: 3  WOK: B
Investigates books, newspapers, magazines, radio, television and film as mass media. Critically analyzes mass media as a reflection of and an influence on society. Examination of social, political, economic, and technological aspects. WOK: Behavioral. (Formerly COMU-251.)

COMM-252: Writing for Electronic Media
Credits: 3  WOK: W
Explores persuasive techniques for Web writing including online journalism, public relations, corporate communication, and other online media. WOK: Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly COMU-252.)

COMM-253: Public Speaking
Credits: 3  
Practice in writing and presenting speeches of information and other forms of public speaking. Explores the psychology of audience response and appeal. Students develop skill in using PowerPoint presentation. (Formerly COMU-253.)

COMM-254: Advertising  
Credits: 3  WOK: B  
Covers advertising objectives, research, creative execution, media selection, legal and ethical requirements and budgeting. Students design and present an advertising campaign. WOK: Behavioral. (Formerly COMU-254.)

COMM-255: Public Relations  
Credits: 3  WOK: B  
Study of principles and techniques used in communication between an organization and any individual or audience. Examines media and press releases, promotions and trade shows, community and customer relations. Students plan and present a public relations campaign. WOK: Behavioral. Cross-listed: MKTG-255. (Formerly COMU-255.)

COMM-258: Scriptwriting  
Credits: 3  WOK: W  
Focuses upon the essential elements of writing clear, concise, and dynamic short scripts for film and video productions. Through writing exercises, students will learn how to write realistic dialogue, visually compelling scenes, and precise technical instructions for crew. Both documentary and narrative formats will be explored. WOK: Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly COMU-258.)

COMM-260: Public Relations Writing  
Credits: 3  WOK: W  
Focuses on how public relations materials are created and used to communicate key themes to various audiences. Using journalistic techniques, students will write press releases and newspaper and/or magazine articles designed to generate media attention for an organization or product. Students will create a portfolio of public relations writing, which may also include a newsletter, brochure, speech, pitch letter, and additional collateral public relations materials. WOK: Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly COMU-260.)

COMM-265: Writing and Editing for Magazines  
Credits: 3  WOK: W  
The workshop approach provides experience in the basics of magazine writing, and editing. Students will analyze a publication, and translate an idea into a magazine article. Students develop a portfolio and learn strategies needed for publication. WOK: Writing Intensive. Pre-Requisite: COMM-241; ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly COMU-265.)

COMM-275: Persuasive Methods  
Credits: 3  
Addresses the theories and applications specific to persuasive communication methods in social, political, and mass media contexts. Course material will focus on persuasive messages in commercial advertising, print media, political rhetoric, electronic communities, propaganda campaigns, and public service messages. (Formerly COMU-275.)

COMM-310: Theories and Research Methods  
Credits: 3  
An examination of communication theories and research methods. Students learn how to interpret, analyze, and integrate significant data through a literature review. Open only to students with Junior and Senior status. (Formerly COMU-310.)

COMM-325: Video Design and Production II  
Credits: 3  
Students increase their mastery of planning and production, develop treatments, write a script, develop shot lists, write location reports, and learn to organize and create production books. Students shoot and edit to increase their use of sophisticated non-linear digital editing techniques. Pre-Requisite: COMM-221. (Formerly COMU-221.)

COMM-401: Internship in Communications  
Credits: 3  
Field work for the qualified student in the areas of broadcasting, print journalism, advertising or public relations at sites approved by the Department Chair or Program Coordinator. Repeatable for credit. Pre-requisites: permission of Chairperson. (Formerly COMU-401.)

COMM-481: Advanced Special Topics in Comm  
Credits: 3  
Addresses the theories and applications specific to persuasive communication methods in social, political, and mass media contexts. Course material will focus on persuasive messages in commercial advertising, print media, political rhetoric, electronic communities, propaganda campaigns, and public service messages. (Formerly COMU-482.)

COMM-498: Senior Seminar in Communications  
Credits: 3  
Students integrate research, questionnaire development, a literature review and the writing of a comprehensive paper with state-of-the-art technologies for presentation. The Senior Seminar is usually taken in either the Fall or Spring of the student's Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: COMM-310; ENGL-488; plus a Writing Intensive course. (Formerly COMU-498.)

CRJU-122: Introduction to Criminal Justice  
Credits: 3  WOK: B  
An examination of law enforcement, the administration of justice and the correctional system in the United States. Includes some international comparison. WOK: Behavioral. (Formerly CJIU-122.)

CRJU-220: Juvenile Justice  
Credits: 3  WOK: B  
A study of the American juvenile justice system from historical, legal and policy perspectives. Topics will include juvenile court, United States Supreme Court cases, juvenile probation, restorative justice, and rehabilitation and prevention programs. WOK: Behavioral. (Formerly CJIU-220.)
CRJU-224: Criminal Investigation
Credits: 3
Principles and practices for getting the maximum amount of information to solve a crime. Proper procedure in the handling of witnesses, informants, suspects and survellants. Methods for discovering, interpreting and preserving the physical evidence left at the crime scene. (Formerly CJU-224.)

CRJU-225: Criminal Procedure
Credits: 3  WOK: B
An exploration of the constitutional areas of the criminal procedure. Appellate case analysis will explore such issues as search and seizure, arrest, confessions, right to counsel. Recent Supreme Court decisions will be considered. WOK: Behavioral. (Formerly CJU-225.)

CRJU-226: Deviance and Social Control
Credits: 3  WOK: B
A sociological examination of deviant behavior and society’s response to it. Focuses on the meanings of deviance within particular social contexts: deviant subcultures, political uses of deviance, moral crusades and social change. WOK: Behavioral. Cross-listed with SOCI-226. (Formerly CJU-226.)

CRJU-321: Criminology
Credits: 3
A study of the biological, psychological and sociological theories of crime. Classical theories, contemporary research and policy applications will be considered. (Formerly CJU-321.)

CRJU-325: Restorative Justice
Credits: 3
A seminar that introduces the student to the philosophy, history, theory and practice of restorative justice in the criminal justice system in the United States as well as international experiences. Restorative justice is an emerging movement for reform that emphasizes reconciliation with victim and reintegration of offenders in the community. Many jurisdictions such as Pennsylvania have incorporated aspects of restorative justice in their juvenile justice and adult criminal justice systems and nations such as South Africa, Rwanda, and Bosnia have embraced restorative justice as a means of healing communities affected by crimes against humanity. This course will practice and examine the practices, programs, realities and controversies of restorative justice. Prerequisite: CRJU-122. (New course Spring 2010.)

CRJU-401: Internship in Criminal Justice
Credits: 3
Field placement in law enforcement, juvenile or adult courts, and community programs related to the student’s interest. Supervision by a field supervisor employed by the agency and a liaison from the College faculty. Repeatable for up to six credits. Graded pass/fail only. (Formerly CJU-401 and CJU-402.)

CRJU-481: Adv Special Topics/Criminal Justice
Credits: 3
An in-depth investigation of a topic chosen by the instructor. Repeatable for credit. (Formerly CJU-481.)

CRJU-498: Senior Seminar in Criminal Justice
Credits: 3
An in-depth exploration and social analysis of an approved issue in contemporary criminal justice. Each student will engage in independent research, write a scholarly paper, and give a professional presentation to the department and the college community. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105 or IDHP-200; and a Writing Intensive course. (Formerly CJU-498.)

ECON-101: Macroeconomic Principles
Credits: 3  WOK: B
A study of the fundamental determinants of economic activity, measurement and determination of national output and income, employment, inflation, interest rates, money supply, and growth of output and income. Monetary, banking and fiscal institutions are considered in relation to their role in contemporary public policies designed to cope with problems on a macroeconomic level. WOK: Behavioral. Pre-requisites: MATH-122 or Level I on the Math Proficiency test and either BADM-104 or ACCT-103. (Formerly ECON-101.)

ECON-102: Microeconomic Principles
Credits: 3  WOK: BP
A study of the principles underlying the functioning of individual economic units such as consumers, households, firms and industries. Focuses on the determination of the price of products and productive inputs in the framework of a capitalist economy. WOK: Behavioral OR Problem Solving. Pre-requisites: MATH-122 or Level 1 on the Math Proficiency test; and ECON-101. MATH-201 is recommended but not required. (Formerly ECON-102.)

ECON-109: Environmental Economics
Credits: 3  WOK: B
A study of the application of economic principles to the development and management of environmental resources. The course will begin with an examination of the methods of economic analysis. Environmental economic policies and its national and global applications will be discussed in detail. WOK: Behavioral. Pre-requisite: ECON-102. MATH-201 is recommended but not required. (Formerly ECON-109.)

ECON-201: Principles of FINA: Money/Banking
Credits: 3  WOK: BP
An investigation of the role played by money and financial institutions, such as the Federal Reserve System, in the functioning of the US economy. Emphasizes the implementation of monetary policy via the financial system to achieve economic stabilization. WOK: Behavioral OR Problem Solving. Pre-requisite: ECON-101. Cross-listed: FINA-201. (Formerly ECONU-201.)

ECON-211: Introduction to Global Economics
Credits: 3  WOK: B
An introduction to the international economy. Topics include international trade theories, trade policies and their effects, regionalism and multilateralism, an introduction to international finance, balance of payments and foreign exchange markets, exchange-rate systems, arbitrage,
EDML-310: Reading Methods I
Credits: 3
Introduces future teachers (Grades 4 - 8) to the area of psychological education of middle childhood and gives them an opportunity to explore teaching and learning issues of their own concern. The course introduces a conceptually sensitive and holistic view of learning, teaching and creating educational practices. The course is designed to introduce main psychological views of middle childhood development and learning, as well as theories of instruction and teaching. The course introduces discussions of real life and imaginary educational situations and engages students to discuss the ways these situations can be explained and dealt with from different points of view and in terms of psychological and social processes. Relationships between different aspects of educational practice are addressed: learner’s cognitive, emotional, linguistic and social development; different educational models approaches and practices; and social and cultural influences and conditions of education. WOK: Behavioral. (New course Spring 2011.)

EDML-311: Writing Methods/Assessment
Credits: 3
Investigates the theories and practices of writing as a modality of learning. Students will be writing and learning how to teach writing in the genres of narrative, informational/expository, persuasive, and poetry. Through the use of writing rubrics and the subsequent diagnostic evaluation of student writing, students will learn how to help students become quality writers in regard to the PA writing domains of focus, content, organization, style, and conventions. Although writing is the subject of study, it cannot be separated from the language arts context of reading, thinking, speaking and listening. Therefore, connections with all the language arts will be consistent. (New course Spring 2011.)

EDML-312: Reading Methods II
Credits: 3
Presents research, methods, and materials in the design and implementation of a developmental, literature-based reading program for students in the middle grades. In addition, research-based pedagogy appropriate to the middle level child will be utilized to assist students in becoming familiar with diagnostic reading assessment, prescriptive reading instruction and to foster a lifelong love of reading. (New course Spring 2011.)

EDML-313: Math Methods/Assessment
Credits: 3
Addresses the needs of Grade 4 through 8 Mathematics Educators in conjunction with the NCTM and Pennsylvania State Standards. Course topics include an examination of educational trends and the impact of technology upon mathematics instruction. This course will focus upon the mathematical content taught in fourth grade through eighth grade and will include an analysis of teaching strategies and

EDML-222: Philosophy of Middle School
Credits: 3
Students examine the history of the middle school movement and its evolving philosophy. Implications for teacher professionalism, school design, organization, and curricula are also studied. Teaching methodology in the middle school will be explored. Field experiences will be part of the course. (New course Spring 2011.)

EDML-201: Development/Middle Years
Credits: 3
Presents future teachers (grades 4-8) with the study of child development from age eight to adolescence. It is designed for the students to learn about all aspects of human development: physical, emotional, social, cultural and cognitive. The course aims to introduce a holistic view of human development as integrated into particular social and cultural context by presenting contemporary theories of child development, research methods in the study of development and in particular aspects of healthy human psychological development that are relevant in learning and education. (New course Spring 2011.)

EDML-315: Math Methods/Assessment
Credits: 3
Addresses the needs of Grade 4 through 8 Mathematics Educators in conjunction with the NCTM and Pennsylvania State Standards. Course topics include an examination of educational trends and the impact of technology upon mathematics instruction. This course will focus upon the mathematical content taught in fourth grade through eighth grade and will include an analysis of teaching strategies and
methodologies. This course will cover assessment techniques, communication and math, relating math to the real world while using a variety of math skills and tools to solve problems. Students will discuss key mathematical concepts as well as evaluate textbooks, materials, and relevant documents. Utilizing an inquiry-based child-centered focus, students will be actively involved in utilizing a wide variety of manipulative materials and representations that they will be able to apply to their teaching of mathematics while developing an appreciation of the diversity of school populations in the state of Pennsylvania. In addition, the course identifies the need for assessment in a data-based, standards aligned system and requires students to complete lesson plans and a math unit inclusive of appropriate assessments. (New course Spring 2011.)

EDML-316: Social Studies Methods/Assessment
Credits: 3
Presents an analysis of content-specific pedagogy for middle school social studies teaching. The course focuses on curriculum, instruction, assessment, teacher resources, and technology as applied to social studies teaching in the middle school. Teacher candidates will become familiar with the characteristics of middle school learners. Teacher candidates will work with middle school social studies students and teachers through field experiences. (New course Spring 2011.)

EDML-317: Science Methods/Assessment
Credits: 3
An introduction to teaching science designed to present educators with the fundamentals of modern science instruction. Discussions and activities are developed to relate concepts and theory to learning experiences that emphasize the significance of involvement. This course provides an overview of the teaching techniques and materials used in contemporary elementary school science programs with focus on skills of inquiry and inductive and deductive reasoning through hands-on and minds-on investigations. Central are the integrated process skills of formulating hypotheses, naming and controlling variables, making operational definitions, experimenting, interpreting data, investigating, and the problem-solving process. This course includes the major strands of science including life science, physical science, earth and space science, and crosses curricula to integrate reading, language skills, social sciences, and the arts. (New course Spring 2011.)

EDML-320: Assessing Student Learning
Credits: 3
Provides teacher candidates with explicit instruction and practice in assessment of student learning in middle level grades. Students will use assessment data to guide instruction, monitor the results of interventions and alter instruction accordingly, use multiple assessments (authentic, screening, diagnostic, formative benchmark and summative) that are developmentally appropriate for middle level learners and implement technology. (New course Spring 2011.)

EDML-321: Classroom Mgmt/Applied Instruction
Credits: 3
Classroom management strategies will be examined including motivation, grouping, physical layout, climate and discipline. This course consists of a study of techniques, procedures and discipline models that teachers can implement to make the task of managing classrooms and disciplining students easier and more effective. The course will cover classroom and lesson management, i.e., establishing an environment that minimizes disruptions and maximizes learning, and student discipline. This course examines the opportunities to extend learning through homework, utilizing community resources, parental involvement and support personnel. Creating a multicultural classroom, understanding gender differences and celebrating diversity will be included. (New course Spring 2011.)

EDML-420: Student Teaching Middle Level
Credits: 6
Student teaching provides qualified students with a semester of practical teaching experience in a real-life classroom environment. It is expected students will integrate the knowledge gained in education courses. Students will spend each day of the fourteen weeks in the semester at a school site. Co-Requisite: EDML-421. Pre-Requisites: completion of coursework in Education; approval of the Department; an overall GPA of 2.8 and a GPA of 3.0 or higher in the major. (New course Spring 2011.)

EDML-421: Student Teaching Seminar Middle Lvl
Credits: 3
The Seminar experience affords students the opportunity to share teaching insights, concerns and research with peers and supervisors. Students should be able to synthesize theories learned with what is occurring in actual practice. Students should be able to make critical judgments about theory application into practice as well. Co-Requisite: EDP4-420. Pre- Requisites: completion of coursework in Education; approval of the Department; an overall GPA of 2.8 and a GPA of 3.0 or higher in the major. (New course Spring 2011.)

EDML-498: Senior Seminar in Middle Level Edu
Credits: 3
In seminar format, students explore areas of current interest and research not included in structured courses. The course is structured to include group discussions, independent study and research. Students present their research in an oral presentation and a written paper. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre- Requisites: ENGL-101, ENGL-105 or IDHP-200; and a Writing Intensive course. (New course Spring 2011.)

EDMN-220: Montessori Philosophy/Edu Theory
Credits: 3
Students explore the educational philosophy that influenced Maria Montessori. A second trend, emanating from science and the scientific method, forms a comparative study of her predecessors in the fields of child development, medicine, anthropology and pedagogy. Background relates the
EDMN-221: Montessori Everyday Living/Art
Credits: 3
A study of the child’s environment and culture dictates the exercises that aid inner discipline, self-esteem, a sense of order, and muscular control. Montessori pedagogical principles provide the rationale for demonstration of techniques appropriate for the very young child. Pre-Requisite: EDMN-220 or permission from the Montessori Program Director. Cross-listed: GRMON-521. (Formerly EMONU-226.)

EDMN-222: Montessori Sensorial/Music
Credits: 3
Provides the rationale and technique undergirding the refinement of sense perceptions as a means of acquiring classified, detailed and accurate knowledge from the environment. Students receive practical insight into the role of movement. Pre-requisite: EDMN-220. Cross-listed: GRMON-522. (Formerly EMONU-227.)

EDMN-223: Montessori Mathematics
Credits: 3
Enables the student to assess a child’s mathematical readiness, to introduce number with its properties of cardinality and ordinality, to develop the mathematical experience to include the basic operations with the didactic apparatus. This course provides preparation for the intern experience. Pre-Requisite: EDMN-220. Cross-listed: GRMON-523. (Formerly EMONU-228.)

EDMN-224: Montessori Language
Credits: 3
Students learn how to design language programs within the prepared Montessori environment. Discussion includes the responsibility of the teacher in the different levels of development that lead to writing and reading, in the sequencing of materials, and in adaptations to specific language needs of children with special emphasis on the urban minority child. Pre-Requisite: EDMN-220. Cross-listed: GRMON-524. (Formerly EMONU-229.)

EDMN-225: Montessori Natural/Social Sciences
Credits: 3
Provides the student with material for the study of natural and social sciences used in the Montessori classroom appropriate to the age and development of the young child. Students explore the wonders of nature, and the interaction of human beings and nature. Suggestions are included for developing parent/teacher partnerships and mutual responsibilities. Pre-Requisite: EDMN-220. Cross-listed: GRMON-525. (Formerly EMONU-230.)

EDMN-430: Montessori Fall Internship
Credits: 3
A year’s internship taken in the student’s senior year which brings together the theory, practice and curriculum of Montessori Education. Co-Requisite: EDMN-431. Cross-listed: GRMON-630. (Formerly EMONU-405.)

EDMN-431: Montessori Fall Seminar
Credits: 2
Regularly scheduled biweekly seminars to correlate methods and student teaching run concurrently with the Internship for both fall and spring semesters. Seminar consists of bi-weekly meetings that discuss and evaluate observation and participation experiences of seminar students working in Montessori classrooms. Problems and challenges facing student interns, parents and administrators are addressed. Co-Requisite: EDMN-430. Cross-listed: GRMON-631. (Formerly EMONU-407.)

EDMN-432: Montessori Spring Internship
Credits: 3
A year’s internship taken in the student’s senior year which brings together the theory, practice and curriculum of Montessori Education. Co-Requisite: EDMN-433. Cross-listed: GRMON-632. (Formerly EMONU-406.)

EDMN-433: Montessori Spring Seminar
Credits: 2
Regularly scheduled biweekly seminars to correlate methods and student teaching run concurrently with the Internship for both fall and spring semesters. Seminar consists of bi-weekly meetings that discuss and evaluate observation and participation experiences of seminar students working in Montessori classrooms. Co-Requisite: EDMN-432. Cross-listed: GRMON-633. (Formerly EMONU-408.)

EDP4-201: Development/Early Years
Credits: 3
Presents future teachers with the study of child development from conception to pre-adolescence. It is designed for the students to learn about all aspects of human development: physical, emotional, social, cultural and cognitive. The course aims to introduce a holistic view of human development as integrated into particular social and cultural context by presenting contemporary theories of child development, research methods in the study of development and in particular aspects of healthy human psychological development that are relevant in learning and education. (New course Spring 2011.)

EDP4-202: Educational Psychology/Early Years
Credits: 3  WOK: B
Presents comprehensive multidisciplinary array of theories, facts and practical knowledge in early child development through a variety of materials and media designed to create an Early Child Education curriculum in line with the Pennsylvania Department of Education PreK-4 guidelines and NAEYC standards. The course goals, components, topics and assignments are designed to promote teachers’ awareness and sensitivity to the interdependence of individual development and local cultural environments and to give professional knowledge to help them create opportunities for healthy development of children from birth to 4th grade relative to their individual needs. WOK: Behavioral. (New course Spring 2011.)

EDP4-203: Early Edu Foundations/Observations
Credits: 3
Presents an analysis of the content, methods, and materials in the design and implementation of PreK-4 curricula in line
with the Pennsylvania Department of Education PreK-4 guidelines and NAEYC standards. All program goals, program components, and field assignments in planning locally and culturally sensitive curricula and environments will promote opportunities for healthy development in young children relative to their individual needs. This course contains a field component. Students enrolled in this course will spend 20 hours observing young children in early education settings. (New course Spring 2011.)

EDP4-204: Early Education Methods/Experience
Credits: 3
Presents an analysis of the content, methods, and materials in the design and implementation of PreK curricula in line with the Pennsylvania Department of Education PreK-4 guidelines and NAEYC standards. All program goals, program components, and field assignments in planning locally and culturally sensitive curricula and environments will promote opportunities for healthy development in young children relative to their individual needs in the content areas of math, science, social studies and early literacy. This course contains a field component. Students enrolled in this course will spend 20 hours observing young children in early childhood settings. (New course Spring 2011.)

EDP4-207: Early Literacy
Credits: 3
Designed to establish the foundations of early literacy development of children in Pre-K, Kindergarten, and First Grade, with respect to reading, writing, speaking and listening and is based on the premise that language development is the basis of all literacy learning. This course outlines a Balanced Literacy Framework that scaffolds instruction through teacher read aloud, shared, guided and independent reading and writing with time set aside for word study. An Explicit Instructional Model is used as the basis of all instruction. Students will demonstrate and apply their understanding of content knowledge, child development and research-based practices as they develop and implement micro teaching lessons. They will further develop their teaching styles and build confidence through practice presenting these lessons. (New course Spring 2011.)

EDP4-210: Reading with Trade Books
Credits: 3
Designed to address the following essential questions: How is print different from spoken language? What is reading for? How do children make meaning from print? What must be balanced in balanced literacy instruction? How do we organize classrooms for literacy development? When, why and how do we assess children’s reading skills? In answering these questions students will acquire the knowledge base identified by the Pennsylvania State Standards for certification in Early Education. Specifically, students shall learn to assess students’ literacy instructional needs, and address those needs, using a variety of methods and texts. (New course Spring 2011.)

EDP4-301: Health and Safety Methods
Credits: 3
Presents an analysis of the content, methods, and materials in the design and implementation of health and safety standards in early education programs. A short list of topics to be covered in this course are as follows: Child care health advocacy, quality in early care and education, preventive health care, cultural competence and health, preventing and managing infectious diseases in early learning and school age children, communication, problem solving and professional development. (New course Spring 2011.)

EDP4-311: Writing Methods
Credits: 3
Presents an analysis of the content, methods, and materials in the design and implementation of PreK to K early literacy curricula in line with the Pennsylvania Department of Education PreK-4 guidelines and NAEYC standards. All program goals, program components, and field assignments in planning locally and culturally sensitive curricula and environments will promote opportunities for healthy development in young children relative to their individual needs in the content areas of math, science, social studies and early literacy. This course will present research, methods, and materials in the design and implementation of writing instruction and assessment for students in grades PreK-4. Research-based pedagogy appropriate to children in PreK-4 will be utilized. (New course Spring 2011.)

EDP4-314: Creative Arts Methods
Credits: 3
Designed to increase knowledge of the research that supports teaching using integrated strategies, particularly those that promote teaching through the arts. The course will increase pre-service teachers’ ability to plan and implement lessons that integrate content area and arts area standards. It will increase their understanding of critical and creative thinking as primary ways to achieve real-world problem solving across the disciplines. The course is supported with state and national standards, Pennsylvania Department of Education PreK-4 guidelines, NAEYC and applicable ACEI program standards. Candidates will apply the national standards developed by the Consortium of National Arts Education Associations to articulate priorities for high quality, meaningful arts experiences in PreK-4 across a developmental continuum. (New course Spring 2011.)

EDP4-315: Math Methods/Assessment
Credits: 3
Addresses the needs of Kindergarten and Elementary School Mathematics Educators in conjunction with the NCTM and Pennsylvania State Standards. Course topics include an examination of educational trends and the impact of technology upon mathematics instruction. This course will focus upon the mathematical content taught in K through fourth grade and will include an analysis of teaching strategies and methodologies. This course will cover communication and math, relating math to the real world while using a variety of math skills and tools to solve problems. Students will discuss key mathematical concepts as well as evaluate textbooks, materials, and relevant documents. Utilizing inquiry-based child-centered focus, students will be actively involved in utilizing a wide variety of manipulative materials and representations that they will be able to apply to their teaching of mathematics.
while developing an appreciation of the diversity of school populations in the state of Pennsylvania. (New course Spring 2011.)

EDP4-316: Social Studies Methods/Assessment
Credits: 3
Presents an analysis of the content, methods, and materials in the design and implementation of social studies methods for students in grades K-4. Research-based pedagogy appropriate to the young elementary-level child will be utilized. Students will experience a range of hands-on, inquiry-based lessons implementing the PA social studies standards, which will have direct application for teaching social studies in a K-4 classroom. (New course Spring 2011.)

EDP4-317: Science Methods/Assessment
Credits: 3
Addresses an analysis and application of methodology and instructional techniques in the content area of science. Developmental, constructive, and process skills approaches will be emphasized. Students will experience a hands-on, inquiry-based format with direct application for teaching science. (New course Spring 2011.)

EDP4-318: Family and Community Partners
Credits: 3
Presents an analysis and practice of the need for a comprehensive approach to increasing engagement of parents and the community in the education and development of young children. The course will be in line with the Pennsylvania Department of Education PreK-4 guidelines and NAECY standards. All program goals, program components, and field assignments in planning locally and culturally sensitive curricula and environments will promote opportunities for healthy development in young children relative to their individual needs. (New course Spring 2011.)

EDP4-320: PreK-4 Assessment
Credits: 3
Designed to prepare teacher candidates with the knowledge and skills, practice, and the application of assessments to design effective planning and teaching for student learning and differentiated instruction, essential PreK-4 teaching skills. Teacher candidates will learn how to develop, administer, and interpret assessments and data with informal and formal measurements. They will learn how to use systematic observation and documentation to monitor student learning and to practice communicating the integrated assessment results in a mock parent/teacher conference. The teacher candidate will distinguish among the types of assessments and its purpose, develop evaluation reporting skills, and demonstrate the use of ethical practices. (New course Spring 2011.)

EDP4-321: Classroom Mgmt/Applied Instruction
Credits: 3 Seminar portion of the first Stage II Pre-Student Teaching for PreK-4 candidates. During the seminar, students will apply the theories and practices learned in earlier subject matter and assessment courses in a 75 hour K-1 or 2-4 classroom setting. (New course Spring 2011.)

EDP4-420: Student Teaching PreK-4
Credits: 6
Student teaching provides qualified students with a semester of practical teaching experience in a real-life classroom environment. It is expected students will integrate the knowledge gained in education courses. Students will spend each day of the fourteen weeks in the semester at a school site. Co-Requisite: EDP4-421. Pre-Requisites: completion of coursework in Education; approval of the Department; an overall GPA of 2.8 and a GPA of 3.0 or higher in the major. (New course Spring 2011.)

EDP4-421: Student Teaching Seminar PreK-4
Credits: 3
The Seminar experience affords students the opportunity to share teaching insights, concerns and research with peers and supervisors. Students should be able to synthesize theories learned with what is occurring in actual practice. Students should be able to make critical judgments about theory application into practice as well. Co-Requisite: EDP4-420. Pre-Requisites: completion of coursework in Education; approval of the Department; an overall GPA of 2.8 and a GPA of 3.0 or higher in the major. (New course Spring 2011.)

EDP4-490: Independent Study in Education
Credits: 3
Research project jointly designed by student and faculty advisor; topic area to be determined. (New course Spring 2011.)

EDP4-498: Senior Seminar in Early Education
Credits: 3
In seminar format, students explore areas of current interest and research not included in structured courses. The course is structured to include group discussions, independent study and research. Students present their research in an oral presentation and a written paper. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105 or IDHP-200; and a Writing Intensive course. (New course Spring 2011.)

EDSC-315: General Methods in Secondary Ed
Credits: 3
Provides preparation of students in all major departments for general knowledge applicable to secondary school curricula. Pedagogical issues addressed in the course include lesson plan creation, unit preparation, grading, tracking, inclusion and physical and mental health issues. (Formerly ESECU-315.)

EDSC-316: Reading in the Content Areas
Credits: 1
Focuses on metacognitive processes in reading for all disciplines in the junior and senior high school curriculum. Strategies for teaching vocabulary acquisition, comprehension, reasoning and problem solving, and study techniques are presented. (Formerly ESECU-316.)

EDSC-317: Special Methods-English/Soc Studies
Credits: 3
Fieldwork includes observation and participation in secondary classrooms in both public and private settings. Students participate in a middle school, junior high school, or senior high school setting for at least one half-day per week. Field experience is combined with on-campus coursework focused on classroom and instructional management. (Formerly ESECU-317.)

EDSC-420: Student Teaching in Secondary Sch
Credits: 6
Culminating field experience, consisting of observation, participation and actual teaching. Assigned to an elementary school, either public or private, student teacher is supervised and rated by a cooperating teacher within the school as well as by the college supervisor. Pre-Requisites: completion of education coursework; overall GPA and a major GPA of 3.0 plus have passed the Praxis I test. Co-Requisite: EDSC-421. (Formerly ESECU-420.)

EDSC-421: Student Teaching Seminar/Sec Sch
Credits: 3
This seminar, in support of the field experience, includes weekly conferences to correlate general skills and principles of teaching and learning with the student teaching experience. This course addresses the identification and analysis of problems facing student teachers. The students will compile their final portfolio according to the exit competencies. Pre-Requisites: completion of education coursework; overall GPA and a major GPA of 3.0 plus have passed the Praxis I test. Co-Requisite: EDSC-420. (Formerly ESECU-421.)

EDUC-202: Educational Psychology
Credits: 3  WOK: B
Involves the application of Psychological principles concerned with the processes of growth and development, thinking, learning and motivation to the problems of education. Principles of social Psychology and mental hygiene are applied to educational problems in the home, school and community. Pre-Requisite: PSYC-101. WOK: Behavioral. Cross-listed: PSYC-202. (Formerly EDUCU-202.)

EDUC-210: Teaching Reading with Trade Books
Credits: 3
Presents the theoretical base for how children acquire literacy and develop skills in reading, writing, speaking, and listening, as processes for constructing meaning. A primary focus of the course is to present instructional planning and teaching strategies best designed to accomplish this goal. A second emphasis is an exploration and appreciation of varying genres of children’s literature. The two strands of the course are interwoven as students apply their growing knowledge of methodology to the use of literature in the development of instructional units. (Formerly EDUCU-210.)

EDUC-211: Writing Rubrics
Credits: 3
Students develop instructional strategies in process writing and writing-to-learn, as integral parts of the language arts curriculum in the elementary classroom. The use of literacy portfolios as tools for documenting literacy development is explored from the perspective of current research. (Formerly EDUCU-211.)

EDUC-222: Foundations of Education
Credits: 3
Students explore the historical, philosophical and social foundations of education and their relationship to the present day. Additionally, the course provides a framework and tools to analyze, synthesize and evaluate current issues, practices and procedures related to teachers and the factors that influence their teaching. (Formerly EDUCU-222.)

EDUC-307: Fieldwork in Education: Grades K - 3
Credits: 3
Fieldwork experience where students will observe and participate in educational activities in a K-3 classroom. Students participate in school settings for at least two half-days per week. Co-Requisite: EDUC-307. (Formerly EDUCU-307.)

EDUC-308: Fieldwork in Education: Grade K - 3
Credits: 3
Fieldwork experience where students will observe and participate in educational activities in a K-3 classroom. Students participate in school settings for at least two half-days per week. Co-Requisite: EDUC-307. (Formerly EDUCU-308.)

EDUC-309: Fieldwork in Education: Grades 4 - 6
Credits: 3
Fieldwork experience where students will observe and participate in educational activities in a grade four through six classrooms. Students will explore multicultural implications of the setting and will design a plan to accommodate various learning styles. Participation in school settings for at least two half-days a week is required. Co-Requisite: EDUC-317. (Formerly EDUCU-309.)

EDUC-316: Elementary Methodology I
Credits: 3
Examines all aspects of planning for instruction including materials, curricular organization, and textbook utilization. A thematic approach to unit planning will be emphasized which emphasizes the integration of all subjects with emphasis on Art and Music strategies. Classroom management strategies will be discussed including motivation, grouping, physical layout, climate and discipline. This course examines the opportunities to extend learning through homework, utilizing community resources, parental involvement and the library. Emphasizes effective student assessment through the use of standardized test interpretation, formative and summative evaluations, portfolios and anecdotal records. Creating a multicultural classroom, understanding gender differences and celebrating diversity will be included. Effective utilization of school support staff will be explored. Multiple Intelligence Theory will be correlated to lesson planning and activities. Co-Requisite: EDUC-307 or EDUC-308. (Formerly EDUCU-316.)

EDUC-317: Elementary Methodology II
Credits: 3
Emphasis on two strands: the first will emphasize social studies education; the second will emphasize science education in
the elementary classroom. Students will incorporate a thematic approach when planning a unit or lesson as well as integrating Art and Music teaching strategies throughout. It is expected that students will utilize the objectives presented in EDUC-316 in all activities and assessments in this course. Co-Requisite: EDUC-309. Pre-Requisite: EDUC-316. (Formerly EDUCU-317.)

EDUC-326: Strategies for Teaching Mathematics
Credits: 3
Students explore the structure of mathematics, sets and numbers, systems of numeration, problem-solving and skill development. The content of elementary school mathematics and the development of strategies for effective teaching of mathematics concepts in K-6 classrooms are emphasized. Students will examine the NCTM Curriculum and Evaluation Standards and Professional Teaching Standards to evaluate curriculum requirements, manipulatives, activities and computer software designed for the elementary school classroom. (Formerly EDUCU-326.)

EDUC-339: Curriculum in Early Childhood Edu I
Credits: 3
This two-part, year-long course focuses on the content, methods, and materials involved in programming for young children. Instructional strategies, teacher behaviors, and curriculum trends and their effects on children are presented, as well as programming for infants and toddlers with major emphasis on ages 3-8 years. All pedagogical methodology is related to children’s social, emotional, intellectual and physical development. (Formerly EDUCU-149 and EDUCU-339.)

EDUC-341: Admin/Supv of Early Childhood Progr
Credits: 3
The administration of programs in early childhood education is the focus of this course which deals with: methods of parent orientation and participation, staff recruitment, relevant legal issues for administrators of early childhood programs, techniques of supervision, observation of staff and evaluation of children’s programs. Student will examine, analyze and develop general operating and personnel procedures. (Formerly EDUCU-341.)

EDUC-346: Technology In Education
Credits: 3
Introduces students to applications, games, simulations and resource software to enrich and enhance the curriculum including the arts. Students develop their own criteria and strategies for the selection and use of technology across the curriculum and across grade levels. (Formerly EDUCU-346.)

EDUC-350: Introduction to Special Education
Credits: 3
Designed to provide a complete overview of Special Education and the children who receive special education services. Areas of concentration include classifications and definitions, patterns of learning, description of assessment and intervention strategies, legislation, and inclusion. To obtain a broader, more comprehensive perspective, students will conduct research through journal articles, Internet searches, classroom observations and interviews of parents and/or teachers. (Formerly EDUCU-350.)

EDUC-354: Education Practice-LD/BD Students
Credits: 3
Examination of current research on the needs of students with learning disabilities, attention deficit disorders and emotional/behavioral disorders is the content of this course. Methods for including these students in the regular classroom with lesson plans identifying modifications to the existing curriculum are described. A beginning survey of behavior management techniques will be addressed. Pre-requisite: EDUC-350. (Formerly EDUCU-354.)

EDUC-420: Student Teaching Seminar
Credits: 6
The culminating field experience, consisting of observation, participation and actual teaching. Assigned to an elementary school, either public or private, student teacher is supervised and rated by a cooperating teacher within the school as well as by the college supervisor. Pre-Requisites: cumulative GPA of 3.0; major GPA of 3.0; successful completion of the Praxis I test. Co-Requisite: EDUC-421. (Formerly EDUCU-420.)

EDUC-421: Student Teaching
Credits: 3
This seminar, in support of the field experience, includes weekly conferences to correlate general skills and principles of teaching and learning with the student teaching experience. This course addresses the identification and analysis of problems facing student teachers, and includes workshops on selected target areas. The students will compile their final portfolio according to the exit competencies. Co-Requisite: EDUC-420. Pre-Requisites: cumulative GPA of 3.0; major GPA of 3.0; successful completion of the Praxis I test. Cross-listed with EDSC-421; GREDE-700 and GRSEC-700. (Formerly EDUCU-421.)

EDUC-490: Independent Study in Education
Credits: 3
Students examine current practices in assessment of students with disabilities, including the use of multicultural assessments. The course includes a review of the issues of standardized testing requirements for these students under state and federal regulations and policies. In addition, constructivist assessment practices, such as portfolios, will be examined for use with children with special needs. Pre-requisite: EDUC-350. (Formerly EDUCU-351.)
Credits: 0
Variable credit from 1.0 to 3.0. Repeatable for credit. Permission of Instructor required and registration must be handled by the Registrar’s Office. (Formerly EDUCU-490.)

EDUCU-498: Senior Seminar in Education
Credits: 3
In seminar format, students explore areas of current interest and research not included in structured courses. The course is structured to include group discussions, independent study and research. Students present their research in an oral presentation and a written paper. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, 105 or IDHP-200; plus a Writing Intensive course. (Formerly EDUCU-498.)

ENGL-100: Essay Writing
Credits: 3
Prepares students for ENGL-101: College Writing by helping them to develop fundamental writing skills such as grammar, paragraph development, and organization. Beyond skill development, the class teaches students to read short essays and write their own short essays with purpose and focus. Students learn to see writing as a process as they plan, draft, edit and revise papers. This course does not address research but does introduce students to incorporating outside voices into an essay (through quoting, paraphrasing and summarizing). This course does not satisfy the general education requirement in college writing; students who successfully complete this course with a C- or better must register for ENGL-101: College Writing the following semester. The credits earned for this course may be used as elective credits. (Formerly ENGL-100.)

ENGL-101: College Writing
Credits: 3
Prepares students to write in college, focusing on essay writing (the skills, techniques and process of essay writing), argument (analysis, synthesis and development of arguments), and research (the process of locating, accessing, evaluating, interpreting, and using a variety of sources). Students learn to see writing as a process as they plan, draft, edit and revise papers. Students write multiple papers on the same topic, each time for a different purpose and a different audience in order to develop and deepen a topic and to write for different situations. Students must earn a C- or higher to continue on and must successfully complete this course before taking ILAR-101. (Formerly ENGL-101.)

ENGL-104: Introduction to Literature
Credits: 3 WOK: LW
Introduction and study of the literary elements of fiction, poetry, and drama. Course provides guidelines for analyzing and writing about literature. WOK: Literary/Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly ENGL-104.)

ENGL-105: Advanced College Writing
Credits: 3 WOK: W
Instruction builds on material in ENGL-101. Students hone skills in academic writing, critical analysis, and research techniques common to all disciplines. For students who qualify, this course fulfills the general education requirement in college writing however those students who take this course to fulfill the general education requirement must take another course to fulfill the Writing Intensive component of the Core Requirements. This course may fulfill the Writing Intensive component if the student has already taken ENGL-101. (Formerly ENGL-105.)

ENGL-110: Elements of the Research Paper
Credits: 1.5
Geared towards transfer students who did not take ENGL-101 at the College. Also open to students who may need extra preparation for writing research papers. Reviews the fundamentals of the research process (locating and evaluating sources) and, primarily, integrating sources into one’s own writing (interpreting research; ethically summarizing, paraphrasing, and quoting sources; properly documenting sources). To engage in these processes, students will compile an annotated bibliography of reputable sources. Students also will complete short papers/assignments and will participate in peer workshops. Reviews some common problem areas in grammar and style, such as sentence structure, punctuation, and conciseness, to assist students in writing clearly and for research purposes. (New course Spring 2011.)

ENGL-175: The Short Story
Credits: 3 WOK: L
An investigation of the short story as a formal genre within prose fiction using readings from international and American authors. Attention is given to the limits and possibilities created by brevity of form. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-175.)

ENGL-201: Shakespeare’s Heroes and Heroines
Credits: 3 WOK: L
A study and in-depth analysis of ten plays including histories, tragedies and comedies. Attention to dramatic art, language, and characters. WOK: Literary. Pre-requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-201: Shakespeare I.)

ENGL-202: Shakespeare in Love and War
Credits: 3 WOK: L
A study of the sonnets and ten plays not included in ENGL-201. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-202: Shakespeare II.)

ENGL-204: Writing Literary Non-Fiction
Credits: 3
Students will be exposed to forms of literary nonfiction in order to produce their own writing in the genres of the essay, memoir, and new journalism. Readings may include works by Orwell, de Montaigne, Frank McCourt, David Sedaris, Mary Karr and Mark Bowden. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-204.)

ENGL-205: American Poetry
Credits: 3 WOK: L
A study of the spirit and form that makes American poetry “American.” Readings from early American poets to the present
with attention to conventions of the genre. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. When offered as a hybrid course, Pre-Requisites may vary. (Formerly ENGU-205.)

ENGL-225: 18th Century British Literature
Credits: 3 WOK: L
Readings in English literature from the Restoration to the pre-Romantics with emphasis on satire and the beginnings of the novel. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-225.)

ENGL-228: Modern Drama
Credits: 3 WOK: L
Intensive reading of major American, British and continental dramatists. Emphasizes historical development and staging of plays. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-228.)

ENGL-238: Victorian Literature
Credits: 3
Readings in major works written during the reign of Victoria (1837-1901) with attention to the religious, scientific, social, and aesthetic "questions" of the time. Authors may include Tennyson, Browning, Arnold, Mill, Ruskin, Morris, Rossetti, Dickens, Bronte, and Hopkins. WOK: Literary. Pre-requisite: ENGL-101, 105 or IDHP-200. (Formerly ENGU-238.)

ENGL-250: Creative Writing
Credits: 3
Students improve their writing by analyzing themes and techniques of major writers. Students submit their own stories, plays or poems to the class to critique. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-250.)

ENGL-251: African American Writers
Credits: 3 WOK: L
Readings in all genres of African-American literature covering historical periods including slavery, Reconstruction, the Harlem Renaissance, Civil Rights and black arts movements and the contemporary scene. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-250.)

ENGL-264: Early American Lit/Contact to 1820
Credits: 3 WOK: L
Readings in American literature that cover texts from the moment of contact, Native American texts, Puritan texts including sermons, captivity narratives, early American poetry and fiction, and works by Founding Fathers. Authors may include Winthrop, Bradford, Smith, Bradstreet, Edwards, Franklin, Wheatley, Jefferson, and Apeess. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-264.)

ENGL-266: Modern Am Literature/1865 to 1945
Credits: 3 WOK: L
Readings in all genres of American literature that cover literary movements including Realism, Naturalism, Regionalism, and Modernism and feature writers such as Twain, Dickinson, Crane, DuBois, Fitzgerald, O’Neill, Eliot, Hemingway, Hughes and Hurston. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-266.)

ENGL-267: Contemporary Am Lit/1940 to Present
Credits: 3 WOK: L
Readings in all genres of American literature that cover the Beat movement, the Civil Rights and black power movements, metafiction, post-modernism and the emergence of ethnic voices in American literature. Authors may include Williams, Ginsberg, Plath, Baldwin, Ellison, Roth, Bellow, Momaday, Vonnegut, Capote, Mailer, Lorde, Rich, O’Brien and Morrison. WOK: Literary. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-267.)

ENGL-280: American Literature of the 1920s
Credits: 3 WOK: LW
Analysis of some of the most influential American writers at home and abroad in the 1920s, including ex-patriots Hemingway, Fitzgerald, Eliot, Stein and other Americans. WOK: Literary /Writing Intensive. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-280.)

ENGL-338: Age of Chaucer
Credits: 3 WOK: L
A study of the Canterbury Tales and readings of other medieval works with their relation to art, music and literature. Studies Middle English and its origins. WOK: Literary. Pre-Requisites: ENGL-101, 105; or IDHP-200. (Formerly ENGU-338.)

ENGL-342: Contemporary British/Irish Fiction
Credits: 3
Seminar study of a single author or selected authors connected by a theme or historical movement in British literature. Readings from primary texts as well as literary criticism relevant to those texts lead to a focused research project. Possible seminar topics could include: children in Blake and Dickens, Modernist Writers in the 1930s; Larkin and the Movement Poets, novels of empire and return. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-342: Brit Lit Sem:Contemp British.)

ENGL-488: Research Writing
Credits: 3
Provides students with an opportunity to practice discipline-specific research and research writing techniques and to learn how to plan and organize the research and writing process in preparation for the Senior Seminar project. Pre-Requisite: ENGL-101, 105; or IDHP-200. (Formerly ENGU-267.)

ENGL-498: Senior Seminar in English
Credits: 3
Capstone experience for the English and the English /Communication major. Forms of critical theory, skills of research and critical analysis will be reviewed as students work toward the production of a final thesis, necessary for graduation in the major. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-requisites: ENGL-488 and a Writing Intensive course. (Formerly ENGU-498.)

ESOL-101: Basic Engl Skills/Non-Native 1
Credits: 3
An integrated skills class focusing on readings about American cultures and issues. Emphasizes developing vocabulary
and increasing ability to participate comfortably in class discussions. (Formerly ESLU-101.)

ESOL-102: Basic Engl Skills/Non-Native II
Credits: 3
An integrated skills class with practice in writing academic essays, note taking, and independent editing skills. Appropriate readings; focus on speaking and listening. (Formerly ESOLU-102.)

ESOL-103: Inter/English Skills for Non-Native
Credits: 3
An integrated skills class focusing on readings about American cultures and issues. Emphasizes developing vocabulary and increasing ability to participate comfortably in class discussions. (Formerly ESOLU-103.)

ESOL-104: Introduction to American Culture
Credits: 3
A course for non-native speakers designed to foster continued development of reading and speaking skills. Different aspects of American culture are examined. Survival study skills will also be practiced. (Formerly ESOLU-104.)

FINA-181: Intro to Investments and Securities
Credits: 3  WOK: B
Introduction to the stock market, its regulations and operations. Some attention is given to other negotiable instruments and their markets. WOK: Behavioral. Pre-requisite: ECON-101. (Formerly BFINU-181.)

FINA-201: Principles of FINA: Money/Banking
Credits: 3  WOK: BP
An investigation of the role played by money and financial institutions, such as the Federal Reserve System, in the functioning of the US economy. Emphasizes the implementation of monetary policy via the financial system to achieve economic stabilization. WOK: Behavioral OR Problem solving. Pre-requisite: ECON-101. (Formerly BFINU-201.)

FINA-304: Corporate Finance
Credits: 3  WOK: B
A study of the trade-off between risk and return, time value of money, valuation of stocks and bonds, cash flow analysis, calculation of additional funds needs for a venture, cost of capital, as well as decisions related to the uses of alternate sources of funds. WOK: Behavioral. Pre-requisites: ACCT-104 and FINA-201. (Formerly BFINU-304.)

FINA-336: Financial Markets and Institutions
Credits: 3
Financial markets and institutions, organization, structure, and regulation of financial markets will be studied. Functions of intermediaries, nature and role of interest rates, term structure and forecasting, the impact of regulation on financial markets, and current developments in the financial system are among the topics discussed. Pre-requisite: FINA-201. (Formerly BFINU-336.)

FINA-352: International Financial Management
Credits: 3
The financial operation of multinational corporations and financial institutions with an emphasis on the international financial environment, foreign exchange and risk management, multinational working capital management, foreign investment analysis, financing foreign operations and international banking. Pre-Requisites: BADM-101, ECON-102 and ECON-211. FINA-201 is recommended but not required. (Formerly BFINU-352.)

FREN-101: Elementary French I
Credits: 3
A review of the basics of French for students with little or no previous experience. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning, and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, and Internet resources. (Formerly FRENU-101.)

FREN-102: Elementary French II
Credits: 3
Introduction to the French language for students with little or no previous experience. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning, and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, and Internet resources. (Formerly FRENU-102.)

FREN-103: Intermediate French I
Credits: 3
A review of the basics of French for students with some experience in the language, along with the development of reading, writing, speaking and listening skills. Focuses on the National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials and Internet resources. (Formerly FRENU-103.)

FREN-104: Intermediate French II
Credits: 3
A review of the basics of French for students with some experience in the language, along with the development of reading, writing, speaking and listening skills. Focuses on the National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials and Internet resources. (Formerly FRENU-104.)

FREN-211: Grammaire et Composition Avancée
Credits: 3  WOK: W
Presents more advanced points in French grammar, stylistics, and the organization of paragraphs and essays. It will include practical exercises in elementary translation and the comparative study of English and French, highlighting cultural and linguistic differences, especially in contemporary written and spoken French. Includes frequent oral and written reports, translations, and explications de texte. WOK: Writing Intensive. (Formerly FRENU-221.)

FREN-222: French for Oral Proficiency
Credits: 3
Uses a variety of materials, such as articles, short stories, plays, sample conversations, audio-visual and internet resources, films,
and practice in French phonetics, to enable students to approach a score of at least Intermediate High on the ACTFL Oral Proficiency Interview. (Formerly FRENU-222.)

FREN-228: Le Français Commercial
Credits: 3
A study of vocabulary, composition, letter writing and conversation aimed at developing communication skills in French, with emphasis on business and commercial terminology, case studies, and the use of audio visual and Internet sources. (Formerly FRENU-228.)

FREN-231: Intro à la Culture Française/Hist
Credits: 3
Aims to develop proficiency in oral and written French and to intensify reading skills through a study of French and Francophone culture. Includes conversation, oral exposés, composition, and grammar as needed. Readings are drawn from French culture and literature and Internet sources. French 231 focuses on the historical roots of French culture. Special emphasis will be given to the diversity of cultures, traditions, and languages contributing to the richness of life in various regions of the Francophone world. (Formerly FRENU-231.)

FREN-232: Intro à la Culture Française/Contmp
Credits: 3
Deals with contemporary France and aims to develop proficiency in oral and written French and to intensify reading skills through a study of French and Francophone culture. Includes conversation, oral exposés, composition, and grammar as needed. Readings are drawn from French culture and literature and Internet sources. Special emphasis will be given to the diversity of cultures, traditions, and languages contributing to the richness of life in various regions of the Francophone world. (Formerly FRENU-232.)

FREN-233: Expériences/Civilisation Française
Credits: 2
A series of preliminary lectures, seminars and projects followed by a study session abroad. The student experiences the language and the people by total immersion in the culture of the country. (Formerly FRENU-233.)

FREN-234: Contemporary Culture/French Regions
Credits: 3
Comparative study of selected readings focusing on diversity of life in the various regions of France. Oral presentations, discussions, audio-visuals. For students with a good reading knowledge and comprehension of French.

FREN-341: Le Dix-septième Siècle
Credits: 3 WOK: L
Explores the theme of classicism through the Golden Age of French literature, with special emphasis on Corneille, Racine, Molière, Descartes, and Pascal. Addresses the cultural and artistic impact of the period, the developing quest for spirituality, the contributions of women in seventeenth-century France as well as social and political inequalities. WOK: Literary. (Formerly FRENU-341.)

FREN-342: Le Siècle des Lumières
Credits: 3 WOK: L
Focuses on the eighteenth century with the contributions of the philosophes and their vision of progress and a new world order. Explores the roots and realities of the French Revolution. WOK: Literary. (Formerly FRENU-342.)

FREN-353: Romantisme et Réalisme
Credits: 3 WOK: L
A study of emerging individual consciousness through authors such as Chateaubriand, Victor Hugo and Balzac, along with cultural and artistic manifestations within a new political society. Reaction to romanticism in the realism and naturalism of Flaubert and Zola; the visionary role of Baudelaire and the symbolist poets. WOK: Literary. (Formerly FRENU-353.)

FREN-354: Le Vingtième Siècle
Credits: 3 WOK: L
A study of modern society as reflected in its literary evolution from Proust through the nouveau roman and the théâtre de l’absurde to writers at the end of the century. WOK: Literary. (Formerly FRENU-354.)

FREN-355: Le Classicisme éternel
Credits: 3 WOK: L
Focuses on the classical sources that contributed to the formation of the French literary and artistic tradition in the seventeenth century, and which reappears especially in the twentieth century. Classical authors such as Corneille, Racine, and Molière will be considered, along with their modern counterparts, such as Giraudoux, Gide, Camus and Sartre. WOK: Literary. (Formerly FRENU-355.)

FREN-361: La Littérature Francophone
Credits: 3 WOK: L
An exploration of literary texts, including poetry, theater, and novels, from Africa, the Antilles, and Canada, as well as those issues—linguistic, social, historical, and geographic—which add a deeper understanding of these areas. WOK: Literary. (Formerly FRENU-361.)

FREN-401: Internship in French
Credits: 3
Graded Pass or Fail only. Repeatable for credit. (Formerly FRENU-401.)

FREN-481: Advanced Special Topics in French
Credits: 3
An intensive study of a specific period or topic in French literature. Repeatable for credit. (Formerly FRENU-481.)

FREN-498: Senior Seminar in French
Credits: 3
Designed to integrate, enrich and deepen the student’s understanding and appreciation of French literature. Develops a theme basic to the development of literature, explored through group discussion, individual seminars and papers. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105 or IDHP-200 plus a Writing Intensive course. (Formerly MUSU-498.)

FYIN-100: First Year Initiative/
Credits: 1
Course required for graduation for students in the School of Undergraduate Studies. Graded Pass/Fail only. Credits do not
count towards graduation. (Formerly FYIU-100.)

**FYIN-101: Career Connections**  
Credits: 1  
Course required for graduation for students in the School of Undergraduate Studies. Graded Pass/Fail only. Credits do not count towards graduation. (Formerly FYIU-101.)

**GEOG-201: World Geography: Humanity/Environment**  
Credits: 3  
Introduces the student to the discipline of geography. It includes the following topics: the role of geography in the past and present; the tools used by geographers (including new technologies); an introduction to the physical and cultural geography of the world; and the impact of geography today. (Formerly GEOGU-101.)

**GERM-101: Elementary German I**  
Credits: 3  
Intended for students with little or no previous knowledge of German. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. (Formerly GERU-101.)

**GERM-102: Elementary German II**  
Credits: 3  
Intended for students with little or no previous knowledge of German. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. (Formerly GERU-102.)

**GERM-103: Intermediate German I**  
Credits: 3  
Designed for the student with some experience of German. First semester: grammar review and conversation; second semester, reading and composition. Continued stress on the spoken and written language. Focuses on the National Standards and proficiency guidelines. (Formerly GERU-103.)

**GERM-104: Intermediate German II**  
Credits: 3  
Designed for the student with some experience of German. First semester: grammar review and conversation; second semester, reading and composition. Continued stress on the spoken and written language. Focuses on the National Standards and proficiency guidelines. (Formerly GERU-104.)

**GERM-481: Advanced Special Topics in German**  
Credits: 3  
An intensive study of a specific period or topic of German History, Culture, Civilization or Literature. Repeatable for credit. (Formerly GERU-481.)

**GLST-201: Global Awareness Seminar**  
Credits: 3  
Explores the economic, political, social, environmental, and/or cultural roots of global conflicts, the risk of catastrophic confrontations, and the potential of peaceful resolutions. Topics in this course vary depending on the expertise of the teaching faculty and the world situation. Students read world press and literature, are introduced to global theorists and scholars, and engage global concepts through class discussions and course assignments. Experiential learning is incorporated in the course, including a service learning project and a visit to the United Nations or equivalent UN-related activities. Pre-requisite: ILAR-101. (Formerly GSU-201.)

**HIST-141: Amer Survey: Colonial - Civil War**  
Credits: 3  
WOK: H  
An exploration of the major movements, events, persons, and ideas of American history from the colonial period to the aftermath of the Civil War. Includes the European background to American history, colonial life, the American Revolution and Constitution, the evolution of the Supreme Court, political developments, comparisons of the enlightenment and romanticism, territorial expansion, growth of technology and the economy, important aspects of American material, intellectual, and popular culture, the Civil War and its legacies. Highlights American history from colonial days to the present. WOK: Historical. (Formerly HISTU-142.)

**HIST-142: Amer Survey: Colonial - Civil War**  
Credits: 3  
WOK: H  
An exploration of the major movements, events, persons, and ideas of American history from the colonial period to the aftermath of the Civil War. Includes the European background to American history, colonial life, the American Revolution and Constitution, the evolution of the Supreme Court, political developments, comparisons of the enlightenment and romanticism, territorial expansion, growth of technology and the economy, important aspects of American material, intellectual, and popular culture, the Civil War and its legacies. Highlights American history from colonial days to the present. WOK: Historical. (Formerly HISTU-142.)

**HIST-110: History of East Asia**  
Credits: 3  
WOK: H  
A multidisciplinary approach to the study of the history, peoples, and cultures of East Asia with particular emphasis on China and Japan. Topics include: Western Imperialism in East Asia, political and social revolution in China, the rise of Japan, World War II, decolonization, the present role of East Asia in modern global society, and the effects of tradition and Westernization on the social structure and economy in the region. WOK: Historical. (New course Spring 2011.)

**HIST-101: West Civ: Antiquity-Renaissance**  
Credits: 3  
WOK: H  
Designed as a general survey of all significant political, economic, social, and cultural developments which affected Europe from Antiquity until the Renaissance WOK: Historical. (Formerly HISTU-101.)

**HIST-102: West Civ: Protestant Reform - Pres**  
Credits: 3  
WOK: H  
Designed as a general survey of all significant political, economic, social, and cultural developments which affected Europe from the Protestant Reformation until the present day. WOK: Historical. (Formerly HISTU-102.)

**HIST-104: Topics in Global History**  
Credits: 3  
WOK: H  
Analyzes selected topics in modern world history from the eighteenth century until the present day. Topics for study include: industrialization and the emergence of nation states, imperialism, global war, revolution, the Holocaust, decolonization, globalization, and religious fundamentalism. Primary attention will focus upon political, social, cultural, and intellectual trends. WOK: Historical. (Formerly HISTU-104.)
the Great Depression and the New Deal, World War II, the Cold War, the sixties counterculture, civil rights and the gender revolution, the rise and decline of presidential power, the evolution of political parties, the role of the Supreme Court, the importance of science and technology, major ideas of the late nineteenth and twentieth centuries, material and popular culture. WOK: Historical. (Formerly HISTU-142.)

HIST-200: Ancient Near Eastern/Mediterranean
Credits: 3  WOK: H
Studies the problem of integrating material culture evidence with the documentary record in the study of ancient history. The focus is on interaction in the Near Eastern and Mediterranean World during the Late Bronze Age. Records of diplomacy, arranged marriages, and gift exchange among the kings of Egypt, Turkey, Iraq, Israel, Syria, and Cyprus are compared to the material evidence for contact. Power relations among peers and subordinates are also addressed. WOK: Historical. (New course Spring 2011.)

HIST-201: Ancient Greece
Credits: 3  WOK: H
Surveys the cultural, social, economic and political development of ancient Greek history beginning with the earliest invasions and concluding with the Roman conquest. Topics include: the Minoans and Mycenaean, Archaic and Classical Greece, the Peloponnesian Wars, and gift exchange. WOK: Historical. (Formerly HISTU-201.)

HIST-202: Ancient Rome
Credits: 3  WOK: H
Surveys Rome from its earliest foundations to its emergence as an empire and its eventual decline. Topics include Etruscan background; Republican Rome; the Punic Wars; social and political problems of the Republic; collapse of the Republic; the Roman Empire; Roman culture; Christianity; and the fall of the empire. WOK: Historical. (Formerly HISTU-202.)

HIST-204: Medieval Europe/Surrounding World
Credits: 3  WOK: AH
Explores the nature of European civilization from the fall of the Roman Empire to the beginnings of the Renaissance. Also studies the impact upon Medieval Europe of the Byzantine Empire and Islamic societies. Topics include: the Papacy, Byzantium, monasticism, feudalism, Romanesque and Gothic art and architecture, the Islamic challenge, the Crusades, medieval cities and commerce, the growth of monarchy, the Bubonic Plague. WOK: Historical OR Artistic. (Formerly HISTU-204.)

HIST-205: Renaissance/Reformation: 1450-1648
Credits: 3  WOK: H
Studies the waning of the Middle Ages and forms of new culture and new institutions in Europe. Topics include: the Renaissance and the new humanism, the Protestant Reformation, Catholic reform and counter-reformation, the Thirty Years War. WOK: Historical. (Formerly HISTU-205.)

HIST-210: Europe in the 20th Century
Credits: 3  WOK: H
A survey of Europe from the Belle Époque through the end of the Cold War. Topics include: the Great War, the Russian Revolution, the women's movement, totalitarianism, World War II, post-war reconstruction, decolonization, European Economic Community, and the break-up of the Soviet Union. WOK: Historical. (Formerly HISTU-210.)

HIST-212: Culture/Society in Modern Europe
Credits: 3  WOK: H
An introduction to the study of labor, the family, popular culture, the arts, class conflict, and social movements since the Industrial Revolution. Special emphasis is placed on developments in Great Britain, France, Germany, Italy, and Russia. WOK: Historical. (Formerly HISTU-212.)

HIST-214: 20th Century Germany
Credits: 3  WOK: H
The History of Germany and the German speaking lands in the twentieth century. Topics discussed: the era of Kaiser Wilhelm II, the First World War, the Weimar Republic, the rise of Adolf Hitler and National Socialism, the Second World War, the Holocaust and anti-Semitism, West and East Germany in the age of the Cold War and the EEC, and the re-unified German nation. WOK: Historical. (Formerly HISTU-214.)

HIST-218: French Revolution
Credits: 3  WOK: HW
A detailed analysis of the European revolutionary era of 1789-1815 with particular emphasis on the old regime, the Enlightenment, popular culture, the course of the Revolution and the Reign of Terror. WOK: Historical/Writing Intensive. Pre-Requisites: ENGL-101 or ENGL-105, and ILAR-101; or IDHP-200. (Formerly HISTU-218.)

HIST-219: France and the Modern World
Credits: 3  WOK: HW
Focuses on France from the Bourbon Restoration of Louis XVIII to the Fifth Republic of Nicolas Sarkozy. Emphasis is placed on political, social, and cultural developments from 1815 to the present. Past topics include: industrial revolution, French colonialism, women in French society, bohemian Paris, fascism and anti-Semitism, the student movement of the 1960s and the course of French socialism. WOK: Historical/Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly HISTU-219.)

HIST-220: Rise and Fall of the Soviet Union
Credits: 3  WOK: H
Examines the history of Russia in the 20th century from the 1905 revolution through the break-up of the Soviet Union. Topics include: the old czarist regime, Lenin and the Bolshevik seizure of power, the Civil War, Stalin and the Five Year Plans, Soviet society, the "new woman," the Gulag experience, de-Stalinization, the Gorbachev experiment, the "new" Russia under Vladimir Putin, and the age of free market reform. WOK: Historical. (Formerly HISTU-220.)

HIST-224: History of Great Britain/Tudors-Present
Credits: 3  WOK: H
Highlights the cultural, social, political and economic development of modern Britain from the Tudors to the present. Special consideration is given to: Shakespearian
England, the English Civil War, the growth
of Parliament, Industrialization,
Imperialism, women’s suffrage, the Irish
question, the two World Wars, and
contemporary British society. WOK:
Historical. (Formerly HISTU-224.)

HIST-226: Europe in the Age of
World War
Credits: 3 WOK: H
This survey will consider the development
of Europe in the first half of the 20th
Century. Specifically, it will look at how
this period was characterized by
unprecedented violence, culminating in
civil and global war, revolution, and
genocide. The focus of the course will be
on World War I and World War II,
examining not only the political and
military cost of global warfare, but also
understanding the human and psychological
cost of world conflict and its implications
for the remainder of the century. WOK:
Historical. (Formerly HISTU-226.)

HIST-228: Women in Modern
European Society
Credits: 3 WOK: H
Focuses on the economic, social, political
and cultural position of women in Great
Britain and Western Europe from mid-
eighteenth century to the present.
Examines industrial society’s impact on
women in the workplace, within the
family, and in the political sphere. WOK:
Historical. (Formerly HISTU-228.)

HIST-231: History of Am Foreign
Relations
Credits: 3 WOK: H
The development of American foreign
policy and its relationship to social,
economic, political, and cultural forces.
WOK: Historical. (Formerly HISTU-231.)

HIST-233: America and the Two
World Wars
Credits: 3 WOK: BH
Describes and analyzes the many ways in
which World War I and World War II
changed the United States, including the
country’s role in world affairs, wartime
mobilization, the expansion of government,
the revolution in manners and morals, the
great depression, the baby boom, the GI
Bill, the expansion of higher education, civil
rights, the role of women in American life,
the cold war, scientific research, the
nuclear age, and much more. WOK:
Historical OR Behavioral. (Formerly
HISTU-248.)

HIST-236: Progressive America: 1900-
1940
Credits: 3 WOK: H
Explores the similarities and differences
between the two great reform movements
of the first half of the twentieth century:
the Progressive Era and the New Deal.
Topics include the settlement house
movement, women’s suffrage, prohibition,
the social gospel, political reform,
problems of the city, “normalcy” and the
critics of progressivism, the progressive
education movement, the influence of
movies and the radio, the Great
Depression, the rise of entitlements and the
welfare state, the realignment of political
parties, the emergence of the modern
presidency and its critics, and the New
York World’s Fair of 1939. WOK:
Historical. (Formerly HISTU-236.)

HIST-245: The 1960s and its Legacies
Credits: 3 WOK: H
Examines the great upheavals in American
life during the 1960s and early 1970s and
their on-going consequences Topics include
the baby boom, hippies, the
counterculture, the new left, the sexual
revolution, women’s liberation, changing
family patterns, civil rights, the revival of
ethnic consciousness, the Vietnam War,
urbanization, and the rise of African
American protest organizations, black
nationalism, the Harlem Renaissance, and
the modern day civil rights movement.
Special attention will be given to the social,
economic, political, religious, and cultural
forces inside and outside of the African
American community that have helped
shape the course of African American
history. WOK: Historical. (Formerly
HISTU-248.)

HIST-246: History of Vietnam
Credits: 3 WOK: H
Studies the history of Vietnam and the
region of the world known as Southeast
Asia. The course’s focal point is on the land,
history, and culture of Vietnam. It also will
center on American involvement from its
aid to the French, through the fall of
Saigon, to the normalization of relations
with Vietnam. A student trip to the
Philadelphia Vietnam Memorial is a
requirement of the course. WOK:
Historical (New course Spring 2011.)

HIST-247: African Americans/Age of
Slavery
Credits: 3 WOK: H
Examines the development and experiences
of the African American community during
the age of slavery. We will focus on the
development of African American culture
and an in-depth examination of the slave
community, family, and religion. The
course considers the growth of the free
black community and the creation of black
political, social, and economic ideologies
and institutions. Particular topics include
the struggle against slavery, slave
insurrections, the abolitionist movement,
and the Civil War. WOK: Historical.
(Formerly HISTU-247.)

HIST-248: African Am Since
Emancipation
Credits: 3 WOK: H
Examines the development of the African
American community in the United States
since emancipation. We will
chronologically and thematically explore
the process of reconstruction, segregation,
disenfranchisement, migration, and
urbanization and the rise of African
American protest organizations, black
nationalism, the Harlem Renaissance, and
the modern day civil rights movement.
As one of the original English settlements
and then as one of the first states in the
Union, Pennsylvania boasts a history that
extends from the colonial period to the
present. This course will look at
Pennsylvania as a microcosm of American
life and will examine such issues as Native
American cultures, ethnic diversity and
ethnic conflict, social stratification,
geography, architecture, religious history,
political development, revolution and civil
war, agriculture, industrialization,
urbanization, and suburbia. WOK:
Historical. (Formerly HISTU-250.)
HIST-270: History of Chestnut Hill Hill
Credits: 3  WOK: H
A history of the Chestnut Hill section of Philadelphia with an emphasis on its social development over the past century. Students will be introduced to basic techniques in researching and writing local history. The course will include field trips, slide lectures, and student presentations. WOK: Historical. (Formerly HISTU-270.)

HIST-275: Film and History
Credits: 3  WOK: AH
Examines the relationship between film and history. Emphasizes the historical and aesthetic concerns at work upon particular directors. The format consists of weekly film showings, lectures and discussion. Students read critical historical works. Among the directors to be studied are: Eisenstein, Chaplin, Capra, Welles, Renoir, Bergman, Truffaut, Hitchcock, Fellini, Kurosawa, Satajit Ray, and Buñuel. WOK: Artistic OR Historical. (Formerly HISTU-275.)

HIST-281: Special Topics in History
Credits: 3  WOK: H
Topics vary by semester. WOK: Historical. Repeatable for credit. (New course Spring 2010.)

HIST-322: Genocide in the Modern World
Credits: 3  WOK: HW
This seminar will concentrate on the nature of genocide in the 20th century. Students will examine the definition and meaning of genocide in the modern world, focusing on five case studies: Armenia (1915-23), the Nazi Holocaust (1933-45), Cambodia (1975-79), Rwanda (1994), and Bosnia (1992-95). It will look at the historical forces and trends at work leading to each genocide and its long-range impact on the victim population. WOK: Historical/Writing Intensive. Pre-Requisites: ENGL-101 or ENGL-105, and ILAR-101; or IDHP-200. (Formerly HISTU-322.)

HIST-330: Women’s Activism/Modern World
Credits: 3  WOK: HBW
This seminar focuses on the public role of women in terms of their activism in key events shaping their world from the French and American Revolutions to the present. The clash between society’s perceptions of women’s “proper sphere” and the reality of women’s experiences will be examined. Topics include: collective action and the revolutionary crowd, war and women’s work, women in totalitarian societies, resistance and retribution, the Nazi Holocaust, pacifism and the Women’s International League for Peace and Freedom. WOK: Historical OR Behavioral and Writing Intensive. Pre-requisites: ENGL-101 or ENGL-105, and ILAR-101; or IDHP-200. (Formerly HISTU-330.)

HIST-332: Cities and Suburbs
Credits: 3  WOK: H
A study of American cities and their suburbs from the colonial period to the present. Students examine growth patterns, immigration, social, ethnic, and racial contours, economic and technological factors, architecture, politics, reform movements, religion, urban planning, and the art and architecture spawned by cities and suburbs. WOK: Historical. (Formerly HISTU-332.)

HIST-334: The American Presidency: A History
Credits: 3  WOK: H
Considers the evolving scope of the American presidency from the Constitutional Convention of 1787 to the present day. Stresses the growing power of the presidency, the shifting contours of presidential elections, and the lives of important presidents within the wider context of American and world history. WOK: Historical. (Formerly HISTU-334.)

HIST-343: The Civil War and American Life
Credits: 3  WOK: H
Examines the great, tragic epic of American life, the Civil War of 1861-1865. Students examine the roots of the Civil War, the major issues of the conflict, life during the war (in the military as well as on the home front), the reason for northern victory and southern defeat, and the many important legacies of this seminal time in the nation’s History. WOK: Historical. (Formerly HISTU-343.)

HIST-397: Junior Research Methods Seminar
Credits: 3
An introduction to the historical method through research of both primary and secondary sources on a selected topic and resulting in the writing of a paper with a clearly defined thesis. Pre-requisite: History majors with junior status. (New course Spring 2012.)

HIST-403: Fieldwork in History
Credits: 3
Work with historical societies, archives, governmental agencies, newspapers, law firms, corporations, parks, etc., where students’ activities are related to historical topics and concerns. Involves directed readings and independent study. Students will receive a letter grade; course not applicable to History major elective requirements. Repeatable for credit. (Formerly HISTU-401 and HISTU-402.)

HIST-497: History and Historiography
Credits: 3
Introduction to Historiography and the development of the methods used by historians from the ancient world to the present. (Formerly HISTU-497.)

HIST-498: Senior Seminar in History
Credits: 3
The Senior Seminar is the culmination of the major’s work in history. As a capstone seminar, it represents the student’s “best work” in terms of research and writing and in demonstrating an advanced level of critical thinking and a sophisticated mastery of historical research skills. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101 or ENGL-105, and ILAR-101; or IDHP-200. (Formerly HISTU-498.)

HSVC-105: Introduction to Human Services
Credits: 3  WOK: B
Designed to introduce students to the role of the human service professional. Students will examine the development of social welfare institutions, philosophies, practices and policies in diverse human service
settings. A systems approach and generalist practice perspective will assist students in the development of core competencies necessary for problem solving and planned social change and advocacy efforts. WOK: Behavioral. (Formerly HSU-105.)

**HSVC-219: Child Welfare**

Credits: 3

Intended to develop an understanding of the child welfare system, with special attention to its history in the United States, its policies, current societal problems and their impact on children and their families. The course prepares students to work in the child welfare and criminal justice fields of service with special attention given to foster care, adoption, residential care and the court system. Ethical issues will be addressed. (Formerly HSU-219.)

**HSVC-250: Heart of the City/Human Services**

Credits: 3  WOK: B

This collaborative six-credit course – 3 credits in Human Services and 3 credits in Religious Studies - examines the human person and the human condition from the academic disciplines of sociology, human services and religion. Provides opportunities for first-hand experiences to enable the student to reflect more deeply on the human struggle for meaning, existence, and even survival. Through service learning the student is given a unique point for observing and sharing in the journey of life through the eyes, ears and hearts of those who find themselves on the fringe of life in the heart of the city. Must also register for RLSST-250. Required minimum of 3 hours of service per week. WOK: Behavioral. (Formerly HSU-250.)

**HSVC-257: Human Behavior and the Social Env**

Credits: 3  WOK: B

Explores human behavior in the social environment through the lens of a systems theory framework and practice. Students will assess and evaluate how individuals function within families, groups, organizations, institutions and communities during the key stages of the human lifespan. Developmental milestones and environmental issues will be explored. Particular attention will be given to human diversity and populations at risk through the use of vignettes and case examples. WOK: Behavioral. (Formerly HSU-257.)

**HSVC-281: Special Topics in Human Services**

Credits: 3

An in-depth investigation of a topic chosen by the instructor. Subjects and possible prerequisites vary by semester. (New course Fall 2010.)

**HSVC-303: Human Services Fieldwork/Seminar I**

Credits: 3

Field placement for human services students at social welfare agencies, public interest groups, community health centers, programs for older adults and governmental organizations. Supervision by a field supervisor employed by the agency and a liaison from the College faculty. Must be of Junior status. Course repeatable for up to six credit hours. Pre-Requisite: HSVC-105. (Formerly HSU-301 and HSU-302.)

**HSVC-308: Theory/Practice of Counseling in HSVC**

Credits: 3  WOK: B

Presents an introduction to and overview of the practice and profession of counseling. It will emphasize the counseling process, professional preparation, ethical and legal issues, assessment and diagnosis, counseling from a multicultural perspective, research and evaluation, major theories, as well as counseling with families, children and adolescents and groups. Approaches with families, married couples, and those working directly with the mentally ill are explored. Double majors who have taken PSYC-223 should not take this course. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly HSU-308.)

**HSVC-356: Social Welfare Policy**

Credits: 3  WOK: B

Analyzes social welfare in the United States and the role played by public and private agencies in the delivery of services. Special attention is given to welfare policy as it relates to the problems that confront urban America. WOK: Behavioral. Pre-Requisite: HSVC-105. (Formerly HSU-356.)

**HSVC-358: Human Services Methods**

Credits: 3

Analyzes methods, processes and practices used in human services. Skills needed for competent practice are studied. Interviewing, assessment, support systems, goal planning, empathy, brokering, professional ethics and advocacy are considered. Pre-requisite: HSVC-105. (Formerly HSU-358.)

**HSVC-399: Administration of Human Services**

Credits: 3

The functions/roles of human service organization management including: organization theory and structure, program planning and evaluation, human resource management, fiscal accountability and legal issues will be the focus of this overview course. Pre-Requisite: HSVC-105. (Formerly HSU-399.)

**HSVC-403: Human Services Fieldwork/Seminar II**

Credits: 3

Field placement for human services students at social welfare agencies, public interest groups, community health centers, programs for older adults and governmental organizations. Supervision by a field supervisor employed by the agency and a liaison from the College faculty. Pre-requisites: HSRV-105 and HSRV-303. Open to students with Senior status only. Course repeatable for up to six credit hours. (Formerly HSU-401 and HSU-402.)

**HSVC-481: Adv Special Topics/HSVC**

Credits: 3

An in-depth investigation of a topic chosen by the instructor. Subjects and possible prerequisites vary by semester. (Formerly HSU-481.)

**HSVC-498: Senior Seminar in Human Services**

Credits: 3

Each student will engage in independent research, and write a scholarly paper, and give a professional presentation to the department and college community. Topics are approved by the instructor and provide an opportunity to carefully examine a current issue in Human Services. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon
IBLC-401: Internship in Intern'l Business
Credits: 3
Graded Pass/Fail only. Repeatable for credit. (New course Fall 2010.)

ICFC-101: Intercultural Foundations/Wrkshp I
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. (New course Spring 2011.)

ICFC-102: Intercultural Foundations/Wrkshp II
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. (New course Spring 2011.)

ICFC-201: Intercultural Foundations/Field I
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. (New course Spring 2011.)

ICFC-202: Intercultural Foundations/Field II
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-201. (New course Spring 2011.)

ICFC-203: Intercultural Foundations/Field III
Credits: 0.5

ICFC-204: Intercultural Foundations/Field IV
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-203. (New course Spring 2011.)

ICFC-205: Intercultural Foundations/Field V
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-204. (New course Spring 2011.)

ICFC-301: Reflection and Self-Assessment
Credits: 0.5
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-101. (New course Spring 2011.)

IDHP-200: Writing in the Disciplines
Credits: 3
Focuses on writing in various disciplines. It serves as an introduction to the structure, methodology, and skills of the Interdisciplinary Honors Program (IDHP). Satisfies the writing course requirement. Co-Requisite: FYIN-101. Pre-Requisite: by invitation only. (Formerly HONU-200.)

IDHP-324: Music/the Mind: Psych of Music I
Credits: 3 WOK: AB
In two consecutive courses, students explore current research in the field of cognitive science regarding how the mind functions during the experience of music—what one thinks about music, how one thinks about music, and why one thinks a particular way about music. Particular focus on information gathered from such diverse disciplines as psychology, philosophy, neuroscience, history, music, sociology and anthropology. WOK: Behavioral OR Artistic. Pre-Requisite: by invitation only. (Formerly HONU-324.)

IDHP-325: Music/the Mind: Psych of Music II
Credits: 3 WOK: AB
In two consecutive courses, students explore current research in the field of cognitive science regarding how the mind functions during the experience of music—what one thinks about music, how one thinks about music, and why one thinks a particular way about music. Particular focus on information gathered from such diverse disciplines as psychology, philosophy, neuroscience, history, music, sociology and anthropology. WOK: Behavioral OR Artistic. Pre-Requisite: IDHP-324. (Formerly HONU-325.)

IDHP-326: Emergence of the Hero I
Credits: 3 WOK: PS
Uses the hero’s search for personal excellence (eudemonia) as a conduit for the study of modern works of fantasy and science fiction. It traces an arc from universal principles to specific individual identity. While exploring works of fiction, students will be challenged to analyze the philosophical and religious foundations established in the novels/films and analyze their own personal responses to the ideas presented. The course also explores the competition between science and religion for the interpretation of human meaning and purpose. It intends to awaken students to a subjective and spontaneous discovery of their own concern for reflective moral integrity. It also intends to inspire students to an acknowledgement and acceptance of their own heroic call to individual and fulfilling excellence. WOK: Problem Solving OR Scientific. Pre-requisite: by invitation only. (Formerly HONU-326.)

IDHP-327: Emergence of the Hero II
Credits: 3 WOK: PS
Uses the hero’s search for personal excellence (eudemonia) as a conduit for the study of modern works of fantasy and science fiction. It traces an arc from universal principles to specific individual identity. While exploring works of fiction,
students will be challenged to analyze the philosophical and religious foundations established in the novels/films and analyze their own personal responses to the ideas presented. The course also explores the competition between science and religion for the interpretation of human meaning and purpose. It intends to awaken students to a subjective and spontaneous discovery of their own concern for reflective moral integrity. It also intends to inspire students to an acknowledgement and acceptance of their own heroic call to individual and fulfilling excellence. WOK: Problem Solving OR Scientific. Pre-Requisite: IDHP-326. (Formerly HONU-327.)

**IDHP-330: Voyages of Discovery I**
Credits: 3  WOK: SL
Includes three periods in literature and science: the early 19th century 'era of Romanticism'; the mid 19th century 'age of Darwinism'; and the early 20th century 'modernist period.' We will examine how, despite current conceptions of science and literature as two discrete fields of endeavor, during this time, scientists and poets (and novelists) actually took inspiration from each other, and in the process revealed new ways to understand and to describe the world opening up before them. Topics will include scientific explorations, astronomy, spectroscopy, natural selection and evolution, relativity and quantum mechanics as they influenced and were represented in the literature of the time. WOK: Scientific OR Literary. Pre-Requisite: by invitation only. (New course Fall 2010.)

**IDHP-334: Scratching Our Niche I**
Credits: 3  WOK: SL
Explores the relationship between human beings and the environment in literature, art and scientific essay. Employing a comparative approach, we will consider various cultural perspectives on the topic. These include literary and art criticism compared with scientific theory; British, U.S., Latin American and Spanish authors and artists; indigenous and non-native cultures’ understanding of human relationship to nature; and some historical development of theories and disciplines. WOK: Scientific OR Literary. Pre-Requisite: by invitation only. (New course pending approval Fall 2010.)

**IDHP-335: Scratching Our Niche II**
Credits: 3  WOK: SL
Explores the relationship between human beings and the environment in literature, art and scientific essay. Employing a comparative approach, we will consider various cultural perspectives on the topic. These include literary and art criticism compared with scientific theory; British, U.S., Latin American and Spanish authors and artists; indigenous and non-native cultures’ understanding of human relationship to nature; and some historical development of theories and disciplines. WOK: Scientific OR Literary. Pre-Requisite: IDHP-334. (New course Spring 2011.)

**ILAR-101: Introduction to the Liberal Arts**
Credits: 3
As the second-level writing course usually taken in the student’s first year, ILAR-101 serves both as a second-level writing course and as an introduction to various disciplines within the Liberal Arts. It helps students to develop the skills introduced in the first-level writing course (ENGL-101 or 105) with a focus on research and the techniques associated with academic writing. While the course is offered in sections with unique emphases, the general writing requirements and grading policy are universal. The course takes advantage of our location in Philadelphia by using museums and other sites in the city as part of the overall course experience. Students are expected to make at least two (2) site visits during the semester. Pre-requisites: ENGL-101 or 105; or IDHP-200. (Formerly ILAU-101.)

**ITAL-101: Elementary Italian I**
Credits: 3
Introduction to the Italian language for students with little or no previous experience. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials and Internet resources. (Formerly ITALU-101.)

**ITAL-102: Elementary Italian II**
Credits: 3
Introduction to the Italian language for students with little or no previous experience. Focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials and Internet resources. (Formerly ITALU-102.)

**ITAL-103: Intermediate Italian I**
Credits: 3
A review of the basics of Italian for students with some experience in the language, along with the development of more advanced reading, writing, speaking and listening skills. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials and Internet resources. (Formerly ITALU-103.)

**ITAL-104: Intermediate Italian II**
Credits: 3
A review of the basics of Italian for students with some experience in the language, along with the development of more advanced reading, writing, speaking and listening skills. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials.
Interaction of the genres and its Greek influence, the
literary and social background of each poet.
WOK: Literary. (Formerly LATU-261.)

LATN-262: Survey of Latin Prose
Credits: 3  WOK: L
Selections from Cicero, Caesar, Sallust, and
Pliny, including the types and styles of
prose writing (oratory, letter-writing,
history, philosophy), and the politics of the
Late Republic. WOK: Literary. (Formerly
LATU-262.)

LATN-321: Stylistics and Prose
Literature
Credits: 3  WOK: L
A restudy of the forms of Latin language
and style in order to understand the
thought patterns and verbal expression of
the Romans. WOK: Literary. (Formerly
LATU-321.)

LATN-481: Advanced Special Topics
in Latin
Credits: 3
An intensive study of a specific period or
topic in Latin literature arranged with a
view to student interest. Repeatable for
credit. (Formerly LATU-481.)

LSTR-100: Learning Strategies
Credits: 3
Designed to meet a variety of reading and
study skills needs, specifically the need to
read and understand college level materials
effectively. LSTR-100 is required of any
student who scores below predetermined
levels on a standardized reading placement
exam. The course is evaluated by a pre-
test/post-test assessment using a
standardized test and a course-specific
assessment. Credits earned are not
applicable towards graduation. (Formerly
LSU-100.)

MATH-100: Develop Math: Basic
Skill/Principle
Credits: 3
A fundamental course in basic mathematical
skills, designed for students who are, for
any reason, inadequately prepared for
college level mathematics. MATH-100
includes a study of the real number system
and basic concepts of algebra. MATH-100
may be required as a result of the
Mathematics Proficiency Examination.
Credits from this course are not applicable
towards a degree (non-academic).
(Formerly MATHU-100.)

MATH-115: Understanding/Quantitative World
Credits: 3  WOK: P
An approach to quantitative literacy in the
21st century. Intended to help students
become comfortable using and interpreting
mathematics outside the classroom. Topics
drawn from function theory and statistics,
both from the perspective of mathematical
modeling. In addition to the traditional
presentation of content, this course will
include regular group exploratory activities
as ways to access and understand
mathematical concepts. Students who earn
a grade of C or better fulfill the
mathematics proficiency requirement (at
level 2.5) for graduation. Not intended for
students whose major requires additional
mathematics, since it does not fulfill the
prerequisite for MATH-201, 203, 211,
227, or 231. WOK: Problem Solving. Pre-
Requisite: Level 3 on the Math Proficiency
Test. (Formerly MATHU-115.)

MATH-121: Precalculus I
Credits: 3  WOK: P
First course in a two-course review and
development of topics needed for the
further study of mathematics including
calculus and mathematics for management.
Includes: algebraic operations, equations
and inequalities, algebraic functions,
analytic geometry and graphing. MATH-
121 is not open to students who have
successfully completed a mathematics
course beyond the 100 level or whose
mathematics proficiency level is 1. Students
who earn a grade of C or better in MATH-
121 fulfill the mathematics proficiency
requirement (at level 2) for graduation.
Students who successfully complete
MATH-121 and who are planning a major
in business or science are strongly advised
to take MATH-122 before enrolling in
mathematics courses required for their
major. WOK: Problem Solving. Pre-
Requisite: MATH-100 or Level 3 on the
Math Proficiency Test. (Formerly
MATHU-121.)

MATH-122: Precalculus II
Credits: 3  WOK: P
Second course in a two-course review and
development of topics needed for the
further study of mathematics including calculus and mathematics for management. Includes: functions and inverse functions, exponential, logarithmic and trigonometric functions, analytic geometry and graphing. MATH-122 is not open to students whose mathematics proficiency level is 1. Students who earn a grade of C or better in MATH-122 fulfill the mathematics proficiency requirement (at level 2) for graduation. Students who successfully complete MATH-121 and who are planning a major in business or science are strongly advised to take MATH-122 before enrolling in mathematics courses required for their major. WOK: Problem Solving. Pre-Requisite: MATH-121 or permission of the Chairperson. (Formerly MATHU-122.)

MATH-123: Precalculus: A Condensed Approach
Credits: 4 WOK: P
Covers topics from precalculus that are important for success in finite math and applied calculus (MATH-201 and 202). These include equations and inequalities, polynomial, exponential and logarithmic functions, analytic geometry and graphing. Fulfills the prerequisite for MATH-201-202; not recommended for students who will study calculus (MATH-203 or 211). Passing MATH-123 with a grade of C or better will fulfill the mathematics proficiency requirement (at level 2) for graduation. WOK: Problem Solving. Pre-Requisite: Level 3 on the Math Proficiency Test. (New course Fall 2010.)

MATH-201: Math for Management/Social Sci I
Credits: 3 WOK: P
A study of functions and modeling, including polynomial, rational exponential and logarithmic functions; mathematics of finance, linear systems and matrices, linear programming. Emphasis on applications to business, management, and the life sciences. WOK: Problem Solving. Pre-Requisite: MATH-201 or a score of 1 or 2 on the Math Proficiency Test and permission of the Chairperson. (Formerly MATHU-201.)

MATH-202: Math for Management/Social Sci II
Credits: 3 WOK: P
Differential and integral calculus with applications to business, management, and the life sciences. WOK: Problem Solving. Pre-Requisite: MATH-201 or a score of 1 or 2 on the Math Proficiency Test and permission of the Chairperson. (Formerly MATHU-202.)

MATH-203: Analytic Geometry and Calculus I
Credits: 3 WOK: P
Elements of analytic geometry, functions, limits, differentiation, applications of the derivative. Usually offered in the Fall semester. WOK: Problem Solving. Pre-Requisite: MATH-122 or Math Proficiency level 1 or 2. (Formerly MATHU-203.)

MATH-204: Analytic Geometry and Calculus II
Credits: 4 WOK: P
Studies and problems of integration, applications of the integral, integration of exponential, logarithmic, trigonometric and inverse trigonometric functions, methods of integration. Usually offered in the Spring semester. WOK: Problem Solving. Pre-Requisite: MATH-211 or MATH-203. (Formerly MATHU-204.)

MATH-211: Calculus and Modern Analysis I
Credits: 3 WOK: P
Functions, differentiation, applications of the derivative, Fundamental Theorem of the Calculus, integration. Uses technology to reinforce the basic concepts of calculus. Usually offered in the Fall semester. WOK: Problem Solving. Pre-Requisite: Math Proficiency level 1 or permission of the Chairperson. (Formerly MATHU-211.)

MATH-212: Calculus and Modern Analysis II
Credits: 4 WOK: P
Applications of the integral, integration of transcendental functions, methods of integration, improper integrals, indeterminate forms, Taylor’s Formula. Uses technology to reinforce the basic concepts of calculus. Usually offered in the Spring semester. WOK: Problem Solving. Pre-Requisite: MATH-211 or permission of the Chairperson. (Formerly MATHU-212.)

MATH-215: Mathematics for Liberal Arts
Credits: 3 WOK: P
An enrichment course designed to emphasize the interrelationships between mathematics and other fields of human endeavor. Topics selected from a broad spectrum are covered in sufficient depth to convey to the non-specialist an appreciation of the power of mathematics and its contribution to the history of civilization. WOK: Problem Solving. Pre-Requisite: Permission of instructor. (Formerly MATHU-215.)

MATH-227: Intro to Probability and Statistics
Credits: 3 WOK: P
Provides an overview of descriptive and inferential statistics with applications to business and other areas of study. Topics include summarizing data, elements of probability, discrete and continuous distributions, sampling, linear regression, confidence intervals, hypothesis testing, analysis of variance. MATH-227 serves as the required statistics course for business majors, and may also be taken by other students who need or are interested in an introductory statistics course. WOK: Problem Solving. Pre-Requisite: Level 1 or 2 on the Math Proficiency Test. (New course Fall 2010.)

MATH-231: Basic Math Theory/Applications I
Credits: 3 WOK: P
A development of basic mathematical concepts and skills needed by students in education and related fields. Emphasis on mathematical reasoning, problem solving, and connecting mathematics, its ideas, and its applications. Topics include: real number system; sets and logic; patterns, relations and functions; elementary number theory. Emphasis on communicating mathematics effectively. WOK: Problem Solving. Pre-Requisite: Mathematics Proficiency Level 1 or 2. (Formerly MATHU-231.)

MATH-232: Basic Math Theory/Applications II
Credits: 3 WOK: P
A second course in the development of basic mathematical concepts and skills needed by students in education and related fields. Emphasis on mathematical reasoning, problem solving, and connecting mathematics, its ideas, and its applications.
Topics include: field properties of the real numbers; patterns, relations and functions; geometry; measurement; probability and statistics. WOK: Problem Solving. Pre-Requisites: A grade of C or better in MATH-231 or permission of the Chairperson. (Formerly MATHU-232.)

MATH-251: Calculus and Linear Algebra
Credits: 3  WOK: P
Systems of linear equations, matrices and determinants, vectors in 2-space and 3-space, vector spaces, linear transformations, eigenvalues and eigenvectors. WOK: Problem Solving. Pre-Requisite: MATH-204 or MATH-212 or permission of the Chairperson. (Formerly MATHU-251.)

MATH-252: Calculus and Modern Analysis III
Credits: 3  WOK: P
Infinite series, plane curves, parametric equations, vectors and the geometry of space, differential calculus of functions of several variables and applications, multiple integration with applications. WOK: Problem Solving. Pre-Requisite: MATH-204 or MATH-212. (Formerly MATHU-252.)

MATH-261: Discrete Methods in Mathematics
Credits: 3  WOK: P
Introduction to basic techniques and modes of reasoning of combinatorial problem solving. Topics chosen from logic, graph theory and combinatorics: graphs as models, trees, graph coloring, Eulerian and Hamiltonian circuits, elementary counting principles, permutations and combinations, inclusion/exclusion principle, recurrence relations. Required for Secondary Certification. WOK: Problem Solving. Pre-Requisite: MATH-212, 204, or 202 or permission of the Chairperson. (Formerly MATHU-261.)

MATH-262: Probability and Statistics
Credits: 3  WOK: P
Organizing and describing data, general probability theory, standard distributions, significance tests, confidence intervals, regression and correlation. WOK: Problem Solving. Pre-Requisite: MATH-203 or MATH-211 or permission of the Chairperson. (Formerly MATHU-262.)

MATH-281: Special Topics in Mathematics
Credits: 3
An in-depth investigation of a particular area of mathematics. Requires permission of the Instructor, since the topic and its pre-requisites may vary. Repeatable for credit. (New course Fall 2010.)

MATH-305: Abstract Algebra I
Credits: 3
Introduction to an axiomatic treatment of mathematics, including proofs, and to algebraic structures. Topics include sets and mappings; binary operations; congruence classes and equivalence relations. Group Theory topics include permutation groups; normal subgroups; quotient groups; homomorphisms. Ring Theory is introduced. Pre-Requisite: MATH-251 or permission of the Chairperson. (Formerly MATHU-305.)

MATH-306: Abstract Algebra II
Credits: 3
A continuation of the study of algebraic structures. Ring Theory topics include ideals, homomorphisms, integral domains, polynomial rings; fields, vector spaces, linear transformations, and selected applications. Pre-Requisite: MATH-305. (Formerly MATHU-306.)

MATH-307: Differential Equations
Credits: 3
Theory and methods of solving first order, first degree differential equations, linear differential equations, equations of higher degree; selection from Laplace transforms, systems of equations, series solutions. Applications of differential equations. Pre-Requisite: MATH-204 or MATH-212. (Formerly MATHU-307.)

MATH-317: Special Methods in Mathematics
Credits: 3
An in-depth investigation of a particular area of mathematics. Requires permission of the Instructor, since the topic and its prerequisites may vary. Repeatable for credit. (Formerly MATHU-481.)

MATH-318: Special Topics in Mathematics
Credits: 3
Major techniques in developing basic models. Creative and empirical model construction, model analysis, and model research. These are studied by examples as well as by experiential projects incorporating the modeling process. Pre-Requisites: MATH-202; 204 or 212. (Formerly MATHU-318.)

MATH-321: Advanced Calculus
Credits: 3
Sets and functions, topological terminology, sequences, continuity and its implications, differentiation, integration, series and uniform convergence, selected topics. Pre-Requisite: MATH-251 or permission of the Chairperson. (Formerly MATHU-321.)

MATH-331: Mathematical Modeling
Credits: 3
Basics of operations research: applied linear programming, the simplex method, the dual problem and postoptimality analysis, the transportation and assignment problems. Pre-Requisite: MATH-251. (Formerly MATHU-331.)

MATH-341: Introduction to Operations Research
Credits: 3
Creative and empirical model construction, model analysis, and model research. These are studied by examples as well as by experiential projects incorporating the modeling process. Pre-Requisites: MATH-202; 204 or 212. (Formerly MATHU-341.)

MATH-342: Fundamentals of Geometry
Credits: 3
The study of axiomatic systems, Euclidean, non-Euclidean and transformation geometries. Required for Secondary Certification. Pre-Requisite: MATH-251 or permission of the instructor. (Formerly MATHU-342.)

MATH-481: Adv Special Topics in Mathematics
Credits: 3
An in-depth investigation of a particular area of mathematics. Requires permission of the Instructor, since the topic and its prerequisites may vary. Repeatable for credit. (Formerly MATHU-481.)

MATH-497: Modern Mathematical Theory
MGMT-105: Principles of Management
Credits: 3
Focuses on the modern views of management theory and skills necessary to be an effective manager and competent leader in a changing environment. Areas covered include strategic and operational planning, decision making, organizing, successful delegation, controlling, communication, leadership and motivation. Additional areas covered include corporate social responsibility, ethics, managing diversity, building work teams, and the possibilities opened up for managers by new technology. (Formerly BMGTU-105.)

MGMT-204: Organization/Management of HR
Credits: 3  WOK: B
Provides an in-depth examination of the functions performed by the human resources department in an organization. It will also examine organizational behavior as it relates to the management of people at work. Topics include: human resources planning, recruitment and selection, training and development, compensation and benefits, equal employment opportunity, and the fair and ethical treatment of employees. It will also examine the various theories relating to motivation, leadership and culture. WOK: Behavioral. Pre-requisites: BADM-101 or BADM-104. (Formerly BMGTU-204.)

MGMT-300: Operations Management
Credits: 3
Through lectures and case studies the student will learn how the following key elements fit into operation management plans: work-force management and productivity, project management, forecasting, product design, quality assurance, process strategy, capacity determination, plant location/layout strategies, inventory control, quantitative models used in solving management problems will also be examined. Pre-requisite: MATH-201. MATH-225 is recommended but not required. (Formerly BMGTU-300.)

MGMT-206: Purchasing/Supply Chain Management
Credits: 3
Explores the traditional purchasing function as it has evolved from a narrowly defined activity into a professional supply management function driven by technology and people. The student will be expected to apply theory to solving problems relating to the basic concepts of purchasing, materials and supply management, cost analysis and negotiation strategies, capital acquisition process, and professional services procurement. Other areas to be covered include: legal aspects of purchasing, materials management, inventory management, Just-in-Time Purchasing, E-purchasing, supplier selection and evaluation, global sourcing, supply chain power, Total Quality Management (TQM), price determination, equipment acquisition and disposal, and procuring professional services. Pre-requisites: BADM-101 or BADM-104; ECON-102, and ACCT-104. (Formerly BMGTU-206.)

MGMT-302: Entrepreneurship
Credits: 3
Designed to introduce the student to the entrepreneurial process. Changes in technology and consumer behavior have generated numerous small business opportunities. Services cannot be mass-produced, and entrepreneurs have established business to serve the consumer on an individual basis. The course combines traditional classroom activities with hands-on activities in order to provide the student with a foundation that is both conceptual and practical. This foundation can facilitate the practice of entrepreneurship in new ventures. Student must have achieved either Junior or Senior status. Pre-requisites: ACCT-104 and MATH-201. MATH-225 is recommended but not required. (Formerly BMGTU-302.)

MGMT-303: Strategic Management
Credits: 3
Designed to give the student a basic understanding of the planning, organization and management of an enterprise. This will be achieved through the use of case studies and insights into operational functions and decisions of management. The course includes a study of the characteristics of strategic decision-making, as applied to the basic organizational functions of operations, marketing and finance. Student must have achieved either Junior or Senior status. Pre-requisites: ACCT-104 and MATH-201. MATH-225 is recommended but not required. (Formerly BMGTU-303.)
MGMT-304: Culture in Intern’l Decision-Making
Credits: 3
Management theory and practice are used to develop the skills necessary to design and implement global strategies, to conduct effective cross-national interactions and to manage daily global operations. The student is placed in the role of a manager of any nationality, and is expected to take a global perspective in dealing with dynamic management issues in both foreign and diverse host environments. Cross-cultural management and competitive strategy are evaluated in the context of global changes. The course will emphasize how the variable of culture interacts with other national and international factors to affect managerial processes and behaviors. Case studies and term project report will be assigned. Pre-requisite: BADM-101. (Formerly BMGTU-254.)

MKTG-203: Marketing Principles
Credits: 3 WOK: B
Examines environmental variables marketing managers should consider before designing strategy with emphasis on buyer characteristics and competitive activity. Marketing strategy options are considered for product, distribution, pricing, and promotion. WOK: Behavioral. (Formerly BMKTU-203.)

MKTG-205: Consumer Behavior
Credits: 3 WOK: B
Explores psychological and sociological variables marketing managers should examine in order to understand the needs of potential buyers including motivation for purchase, attitudes and values, cultural background, and social class. Analyzes the adjustment of marketing strategy to satisfy needs of different market segments. WOK: Behavioral. (Formerly BMKTU-205.)

MKTG-206: International Marketing
Credits: 3 WOK: B
Studies foreign economic, political and social environments to understand potential modifications to domestic product, price, promotion and distribution strategy in foreign markets. Selected cases emphasize international marketing successes and failures. WOK: Behavioral. Pre-requisite: MKTG-203. (Formerly BMKTU-206.)

MKTG-253: Retailing
Credits: 3
Critical analysis of retailing strategy and management with extensive examination of selected and current problems unique to the retailing sector of the economy. (Formerly BMKTU-253.)

MKTG-254: Advertising
Credits: 3 WOK: B
Covers advertising objectives, research, creative message execution, media selection, legal and ethical requirements and budgeting. WOK: Behavioral. Pre-requisite: MKTG-203 or with permission of the Chairperson. (Formerly BMKTU-254.)

MKTG-255: Public Relations
Credits: 3 WOK: B
Study of principles and techniques used in communication between an organization and any individual or audience. Examines media and press releases, promotions and trade shows, community and customer relations. Students plan and present a public relations campaign. WOK: Behavioral. Cross-listed: COMM-255. (Formerly BMKTU-255.)

MKTG-256: Personal Selling/Sales Force Mgmt
Credits: 3
An analysis of the components of an effective sales presentation and strategy decisions faced by sales managers including recruiting, training, motivating, supervising, and evaluating sales personnel. (Formerly BMKTU-256.)

MKTG-310: Marketing Research
Credits: 3
Applies the scientific method, (i.e., problem definition, hypothesis formation, data collection and analysis), to marketing decision making. Students conduct a marketing research study and present their findings. Pre-requisites: MKTG-203, MATH-225, and MATH-226. (Formerly BMKTU-310.)

MKTG-365: Marketing Management
Credits: 3
Options in product, distribution, pricing, and promotion strategy are considered in response to the needs of different market segments and competitive conditions. Sales and cost data are evaluated using case analysis. Pre-requisite: MKTG-203. (Formerly BMKTU-365.)

MKTG-401: Internship in Marketing
Credits: 3
Graded Pass/Fail only. Repeatable for credit. (Formerly BMKTU-401.)

MUSC-101: Music in Western Culture
Credits: 3 WOK: A
A chronological survey of the development of music, its styles and characteristics, from the Middle Ages to the contemporary period. No musical background necessary. WOK: Artistic. (Formerly MUSU-101.)

MUSC-103: Introduction to Music Theory
Credits: 3
An analysis of the components of an effective sales presentation and strategy decisions faced by sales managers including recruiting, training, motivating, supervising, and evaluating sales personnel. (Formerly BMKTU-256.)

MUSC-106: Aural Skills II
Credits: 3
Designed for the further development of music literacy, sight-singing diatonic melodies, executing basic reading patterns, and training the ear to hear major and minor tonalities. Students sing and play at the keyboard using simple melodies. (Formerly MUSU-106.)

MUSC-107: Native Peoples of North America
Credits: 3 WOK: A
Designed for the general student interested in the art, music and culture of the aboriginal people of North America.
Explores the history, struggles and hopes of the natives. Focuses on the Ojibway, Cree, Metis and Innuitt of Canada, and the Navajo, Iroquois, Cherokee and Sioux of the United States. Course format includes lecture, listening, viewing and discussion. WOK: Artistic. (Formerly MUSU-107.)

**MUSC-124: Music in 20th Century America I**
Credits: 3  WOK: A
A panoramic survey of the streams of American music in the twentieth century. Encompasses ethnic, folk, religious, and popular music; jazz and its forerunners and a brief history of Rock and Roll. No musical background necessary. WOK: Artistic. (Formerly MUSU-124.)

**MUSC-125: Music in 20th Century America II**
Credits: 3
A panoramic survey of streams of American music in the twentieth century which not only includes the ethnic, folk and religious music of the century, but also fine art music and the development of the American Musical Theater. No musical background necessary. WOK: Artistic. (Formerly MUSU-125.)

**MUSC-129: The History of Jazz**
Credits: 3  WOK: A
A study of this unique American art form from its origin to the present day, including its impact on contemporary society. No musical background necessary. WOK: Artistic. (Formerly MUSU-129.)

**MUSC-140: Critical Survey of Music in Film**
Credits: 3
Empowers students to better appreciate and understand, the contribution of music in a film work. Through a series of viewing and listening experiences students are introduced to how the elements of music and the principles of music composition are used in film making. WOK: Artistic. (Formerly MUSC-140.)

**MUSC-142: Broadway Bound**
Credits: 3  WOK: A
Surveys a broad range of exemplary models from the American Music Theater. Using videos, DVDs, and recordings, students discover how the elements of music and the principles of music composition are employed in musicals. Ultimately, musicals are placed within an historical context that examines the milieu of the composer(s) and the socio-political setting of the era. WOK: Artistic. (Formerly MUSU-142)

**MUSC-144: Creating, Recording, Marketing/Song**
Credits: 3
Students are led through the process of song creation from the first moment of inspiration to the final production of the CD. Working in the recording studio is part of this musical experience. (Formerly MUSC-144.)

**MUSC-180: Jazz Improvisation I**
Credits: 3
An elective that is a continuation of Jazz Improvisation 1, which addresses more advanced theoretical and analytical study in jazz. Topics include rhythm studies in swing and Latin music, technical studies, chord progressions, turnaround, blues, and modes. Students experience music through activities such as performance, composition, analysis, ear training, and listening. Pre-requisite: proficiency in music reading, private study of an instrument, and knowledge of basic theory. Permission of instructor required. (Formerly MUSC-180.)

**MUSC-181: Jazz Improvisation II**
Credits: 3
An elective that is a continuation of Jazz Improvisation 1, which addresses more advanced theoretical and analytical jazz studies. Topics include reharmonization, chord substitution, modes, passing chords, appoggiatura chords, diminished scales, and synthetic scales. Pre-requisite: MUSC-180. (New course Fall 2010.)

**MUSC-185: Jazz Theory**
Credits: 3
A continuation of MUSC-180: music theory. Permission of instructor required. (Formerly MUSU-185)

**MUSC-190: Music and Technology**
Credits: 2
An introduction to computer hardware as used in music, the history of technology in music and the impact of computers on the music industry. Focuses on music software. Students should have a basic knowledge of music reading. (Formerly MUSC-190.)

**MUSC-201: Music Theory I**
Credits: 3
A fundamental study of music theory, including scales, intervals, basic triad formation and melodic organization. (Formerly MUSU-201.)

**MUSC-202: Music Theory II**
Credits: 3
A continuation of MUSC-201: reading in the movable clef and further exploration of diatonicism in both aural and written harmony. Includes four-part harmony in the common practice period. Students analyze the formal structure of the works under study, including keyboard application and plans of modulation. Pre-requisite: MUSC-201 or with permission of the Chairperson. (Formerly MUSC-202.)

**MUSC-203: Sounds of the World**
Credits: 3  WOK: A
An introduction to the music of Western and non-Western cultures, including Celtic, African, Latin American, Middle Eastern, Eastern and Southern Asia in varying classes. Explores the music, art, and culture of these countries or regions. WOK: Artistic. (Formerly MUSC-203.)

**MUSC-212: Keyboard Harmony**
Credits: 2
Designed to develop facility in applying principles of theory. Involves playing chord progressions, sequences, modulations and harmonizations of small forms as well as transposition, extemporization, and reading from instrumental and choral scores. Pre-requisite: MUSC-202. (Formerly MUSU-212.)

**MUSC-218: Basic Conducting**
Credits: 2
Explores fundamental techniques of conducting, including beat patterns, gesture, technique, and repertoire. Attention is given to various style periods and their characteristic sound quality. Opportunities to conduct student ensembles. (Formerly MUSC-218.)

**MUSC-221: Western Music/Medieval-Baroque**
Credits: 3  WOK: A
A chronological in-depth study of the styles, features and aspects of Medieval, Renaissance and Baroque music. Music of non-Western cultures is also explored. Designed for the music major or for the student with a strong background in music. WOK: Artistic. (Formerly MUSC-221.)
MUSC-222: Western Music/Classical-21st Cent
Credits: 3  WOK: A
A chronological in-depth study of the styles, features and aspects of Classical, Romantic, Twentieth-and Twenty First-Century music. Music of non-Western cultures is also explored. Designed for the music major or for the student with a strong background in music. WOK: Artistic. (Formerly MUSU-222.)

MUSC-252: Business of Music
Credits: 3
An introductory course in the business fundamentals of the music entertainment industry. The following topics are addressed: music as a profession, agents, personal managers and publishers, performing rights, contracts, music copyrights, record companies/recording industry, music licensing, promotion and publicity, music for film and video production, radio and TV advertising and career options. Cross-listed: BADM-252. (Formerly MUSU-252.)

MUSC-301: Music Theory III
Credits: 3
Explores chromatic harmony, and studies both melodic and harmonic analysis, as well as the continued analysis of form. Pre-requisites: MUSC-201 or MUSC-202 or permission of the Chairperson. (Formerly MUSU-301.)

MUSC-302: Music Theory IV
Credits: 3
A guide to understanding the complexities of twentieth century music, while continuing to study music of the past. Includes form and analysis. Students analyze representative works. Pre-requisite: MUSC-301 or permission of the Chairperson. (Formerly MUSU-302.)

MUSC-307: Counterpoint
Credits: 3
Study of sixteenth-century polyphony and eighteenth-century counterpoint. Analysis of two- and three-part inventions, along with an introduction to canon and fugue. Pre-requisite: MUSC-302. (Formerly MUSU-307.)

MUSC-309: Orchestration
Credits: 3
Examines the ranges, techniques, and timbres of orchestral instruments. Students will arrange piano music for sections of the orchestra with particular emphasis on scoring for high-school orchestras. Score reading and computer use for score writing are stressed. Pre-requisite: MUSC-302. (Formerly MUSU-309.)

MUSC-310: Jazz Arranging
Credits: 3
An elective that studies the melodic and harmonic materials commonly used in jazz - the application of which is demonstrated by arranging projects for small combo to jazz orchestra. Topics include writing for the rhythm section, brass and reeds, creating an arrangement, introductions, interludes and endings, pedal point, harmonic planning, cadences, altered harmony and modulation.

MUSC-401: Internship in Music
Credits: 3
Provides practical experience at a site approved by the department and is tailored to the specific interests of the student. Graded Pass/Fail only. Repeatable for credit. (Formerly MUSU-401 and MUSU-402.)

MUSC-498: Senior Seminar in Music
Credits: 3
Requires an in-depth study of a particular aspect of music/music education not stressed in structured courses. Varies according to individual needs and interests. Formal presentation of a paper concludes the research. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105 or IDHP-200 plus a Writing Intensive course. (Formerly MUSU-498.)

MUSE-159: Choral Methods
Credits: 1
Instruction in vocal techniques as applies to building choral sound, intonation, balance and blend. Attention to various grade levels, cultures and styles. Field observations included. For Music Education Majors only. (Formerly MSEDU-159.)

MUSE-161: String Methods I
Credits: 0.5
A practical study of the instruments of the string family. Problems in teaching, examination of methods and materials for each instrument, fingering and bowing styles, tone production, and ensemble experience. Field observations included. For Music Education Majors only. (Formerly MSEDU-161.)

MUSE-162: String Methods II
Credits: 0.5
A practical study of the instruments of the string family. Problems in teaching, examination of methods and materials for each instrument, fingering and bowing styles, tone production, and ensemble experience. Field observations included. For Music Education Majors only. (Formerly MSEDU-162.)

MUSE-163: Guitar Methods
Credits: 1
Teaching methods in accompanying, reading music, history of guitar. Student aims to sing and accompany self on guitar. Field observations included. (Formerly MSEDU-163.)

MUSE-165: Woodwind Methods I
Credits: 0.5
Practical study of the instruments of the woodwind family: assembling, holding and maintenance of instruments; embouchure and tone production; transposition; fingering; range; problems in teaching young players; examination of methods and materials for each instrument; makes of instruments, quality, prices. Field observations included. (Formerly MSEDU-165.)

MUSE-166: Woodwind Methods II
Credits: 0.5
A practical study of the instruments of the woodwind family: assembling, holding and maintenance of instruments; embouchure and tone production; transposition; fingering; range; problems in teaching young players; examination of methods and materials for each instrument; makes of...
instruments, quality, prices. Field observations included. Pre-requisite: MUSE-165. (Formerly MSEDU-166.)

**MUSE-167: Brass Methods I**
Credits: 0.5
A practical study of the instruments of the brass family: assembling, holding, maintenance of these instruments; embouchure and tone production; transposition; arranging, fingerings and range; problems in teaching young players; examination of methods and materials; makes of instruments, quality, price. Field observations included. (Formerly MSEDU-167.)

**MUSE-168: Brass Methods II**
Credits: 0.5
A practical study of the instruments of the brass family: assembling, holding, maintenance of these instruments; embouchure and tone production; transposition; arranging, fingerings and range; problems in teaching young players; examination of methods and materials; makes of instruments, quality, price. Field observations included. Pre-requisite: MUSE-167. (Formerly MSEDU-168.)

**MUSE-170: Percussion Methods**
Credits: 1
A practical study of the instruments of the percussion family. Discusses and demonstrates literature in order to identify, examine and suggest methods of assisting young musician. Students perform percussion ensemble literature and consider problems of purchasing, maintenance and repair. Field observations included. For Music Education Majors only. (Formerly MSEDU-170.)

**MUSE-172: Instrumental Methods**
Credits: 0.5
A practical study of instrumental techniques and procedures for teaching small and large ensembles. (Formerly MSEDU-172.)

**MUSE-320: Music For Diverse Learners**
Credits: 4
Assists the student teacher in learning skills and approaches to working with the mainstreamed child in the music classroom. Field observations included. (Formerly MSEDU-320.)

**MUSE-350: Music Ed/Elementary School**
Credits: 3
Using newly designed National Standards for Arts Education guidelines, this course introduces methods and materials used in teaching music in the elementary (K-6) classroom. Topics include basic issues and trends, planning and presenting music experiences, basic music texts, and new directions in curriculum. Field observations included. Field Observations included. (Formerly MSEDU-350.)

**MUSE-351: Music Ed/Middle and High School**
Credits: 3
Presents pluralistic approaches for teaching in the middle and senior high school. Topics include curriculum development, general music perspectives, philosophical, psychological, and aesthetic foundations of music, instrumental and vocal music approaches as well as contemporary issues relevant to the subject area. Field observations included. (Formerly MSEDU-351.)

**MUSE-352: Student Teaching/Music Education**
Credits: 6
Observation, participation, and teaching in all phases of music education. Two placements are required for music education. Each placement is seven weeks in duration. Students are assigned an elementary school in either the public or private sector. The second placement is either at the middle school or secondary school level. Regular supervisions by cooperating teacher and the college supervisor. Co-requisite: MUSE-353. (Formerly MSEDU-352.)

**MUSE-353: Student Teaching Seminar/Music Educ**
Credits: 3
A discussion and evaluation of classroom experiences of the current week. Additional topics concerning current issues, directions and research in music education. Involves weekly conference to correlate classroom experiences with music education studies. Co-requisite: MUSE-352. (Formerly MSEDU-353.)

**MUSP-341A: A Cappella Choir Performance**
Credits: 0.5
An a cappella women’s group that performs during the year. Repertoire includes pop styles. Members of the Hill Singers are invited to audition for this group who rehearse Wednesdays immediately following Hill Singers. Audition is required. Repeatable for credit. (Formerly MSAPU 140-141 to 440-441.)

**MUSP-341N: A Cappella Choir Performance**
Credits: 1
An a cappella women’s group that performs during the year. Repertoire includes pop styles. Members of the Hill Singers are invited to audition for this group who rehearse Wednesdays immediately following Hill Singers. Audition is required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 140-141 to 440-441.)

**MUSP-351A: Gospel Choir Performance**
Credits: 0.5
Gospel style performing group open to all students. Audition is required and information is available in the Music Department. Repeatable for credit. (Formerly MSAPU 150-151 to 450-451.)

**MUSP-351N: Gospel Choir Performance**
Credits: 1
Gospel style performing group open to all students. Audition is required and information is available in the Music Department. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 150-151 to 450-451.)

**MUSP-341N: A Cappella Choir**
Credits: 1
An a cappella women’s group that performs during the year. Repertoire includes pop styles. Members of the Hill Singers are invited to audition for this group who rehearse Wednesdays immediately following Hill Singers. Audition is required. Repeatable for credit. (Formerly MSAPU 140-141 to 440-441.)

**MUSP-351N: A Cappella Choir**
Credits: 0.5
Gospel style performing group open to all students. Audition is required and information is available in the Music Department. Repeatable for credit. (Formerly MSAPU 150-151 to 450-451.)

**MUSP-353A: Chorus Performance**
Credits: 0.5
Performance of choral literature for mixed voices. The chorus performs at the annual Christmas Concert and other events as scheduled. Repeatable for credit. (Formerly MSAPU 153-154 to 453-454.)

**MUSP-353N: Chorus Performance**
Credits: 1
Performance of choral literature for mixed voices. The chorus performs at the annual Christmas Concert and other events as scheduled. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 157-158 to 457-458.)

MUSP-355A: Chamber Ensemble Performance
Credits: 0.5
The study and performance of instrumental music of various styles. Open to students with knowledge of an orchestral instrument. Performances include Carol Night, Spring Concert, and other events as scheduled. Collaboration with Villanova orchestra occurs for various occasions. Repeatable for credit. (Formerly MSAPU 155-156 to 455-456.)

MUSP-355N: Chamber Ensemble Performance
Credits: 1
The study and performance of instrumental music of various styles. Open to students with knowledge of an orchestral instrument. Performances include Carol Night, Spring Concert, and other events as scheduled. Collaboration with Villanova orchestra occurs for various occasions. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 155-156 to 455-456.)

MUSP-357A: Hill Singers Performance
Credits: 0.5
Choral group meets weekly to prepare repertoire for various college-related functions and the community. No previous singing experience is necessary but an audition is required. Repeatable for credit. (Formerly MSAPU 157-158 to 457-458.)

MUSP-357N: Hill Singers Performance
Credits: 1
Choral group meets weekly to prepare repertoire for various college-related functions and the community. No previous singing experience is necessary but an audition is required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 157-158 to 457-458.)

MUSP-359A: Jazz Ensemble Performance
Credits: 0.5
The performance of various styles of jazz and contemporary music for various college events. Open to students with knowledge of orchestral/band instruments. Audition is required. Repeatable for credit. (Formerly MSAPU 159-160 to 459-460.)

MUSP-359N: Jazz Ensemble Performance
Credits: 1
The performance of various styles of jazz and contemporary music for various college events. Open to students with knowledge of orchestral/band instruments. Audition is required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 159-160 to 459-460.)

MUSP-3591A: Jazz Improvisation Workshop
Credits: 0.5
Students learn and experience the performance of jazz improvisation both individually and within a larger jazz ensemble. Audition is required. Repeatable for credit. (Formerly MSAPU 180-181 to 480-481.)

MUSP-367A: Flute Ensemble Performance
Credits: 0.5
Students learn literature arranged for flute. Meets weekly and performs on and off campus at college functions. Flute Ensemble is open to all students; audition is required. Repeatable for credit. (Formerly MSAPU 167–168 to 467-468.)

MUSP-367N: Flute Ensemble Performance
Credits: 1
Students learn literature arranged for flute. Meets weekly and performs on and off campus at college functions. Flute Ensemble is open to all students; audition is required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 167–168 to 467-468.)

MUSP-369A: Brass Ensemble Performance
Credits: 0.5
Students learn literature arranged for the brass ensemble. Meets weekly. Performances are on- and off-campus. Brass Ensemble is open to all students; an audition is required. Repeatable for credit. (Formerly MSAPU 169-170 to 469-470.)

MUSP-369N: Brass Ensemble Performance
Credits: 1
Students learn literature arranged for the brass ensemble. Meets weekly. Performances are on- and off-campus. Brass Ensemble is open to all students; an audition is required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. (Formerly MSAPU 169-170 to 469-470.)

MUSP-391A: Saxophone Ensemble Performance
Credits: 0.5
Saxophone Ensemble is open to all students; however, an audition is required. Repeatable for credit. (Formerly MSAPU 190-191 to 490-491.)

MUSP-391N: Saxophone Ensemble Performance
Credits: 1
Saxophone Ensemble is open to all students; however, an audition is required. Repeatable for credit. (Formerly MSAPU 190-191 to 490-491.)

MUSP-391A: String Ensemble Performance
Credits: 0.5
String Ensemble is open to all students; however, an audition is required. Repeatable for credit. (Formerly MSAPU 181 to 480-481.)

MUSP-381N: Jazz Improvisation Workshop
Credits: 0.5
Students learn and experience the performance of jazz improvisation both individually and within a larger jazz ensemble. Audition is required. Repeatable for credit. (Formerly MSAPU 180-181 to 480-481.)
String Ensemble is open to all students; however, an audition is required. Repeatable for credit. (Formerly MSAPU 192-193 to 492-493.)

**MUSP-393N: String Ensemble Performance**

Credits: 1

String Ensemble is open to all students; however, an audition is required. Repeatable for credit. (Formerly MSAPU 192-193 to 492-493.)

**PHED-108: Body Sculpt**

Credits: 1

The body sculpt class utilizes weights, fitness ball, and conditioning exercises to tone and strengthen the body. Each class begins with a cardiovascular warm-up. Exercises are performed to music. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-108.) No textbook is required for PHED courses unless stated otherwise.

**PHED-113: Fitness Swim**

Credits: 1

A swimming fitness class building strength and cardiovascular endurance in water. Students swim laps keeping track of number of laps completed each session. Students record and try to improve on number of laps as they become stronger. Goals are set. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-113.) No textbook is required for PHED courses unless stated otherwise.

**PHED-115: Beginner Swim**

Credits: 1

The beginner swim class introduces students to techniques which will enable them to survive in the water. Floating, modified elementary backstroke, crawl stroke, breathing techniques, diving and treading are introduced. Classes are structured to increase cardiovascular endurance and strength as well. Students will take swim test at the end of the course. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only.

Satisfies: one unit of the PE requirement. (Formerly PEU-115.) No textbook is required for PHED courses unless stated otherwise.

**PHED-117: Karate**

Credits: 1

Consists of Tae Kwon Do form of Karate and will include techniques in self-defense. All sessions will start with a warm-up followed by skills. All levels are welcome. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-117.) No textbook is required for PHED courses unless stated otherwise.

**PHED-118: Hip Hop**

Credits: 1

Designed for students who wish to develop their physical health by using their skills in dancing to the trend of today’s music style. Students will work together choreographing a routine. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-118.) No textbook is required for PHED courses unless stated otherwise.

**PHED-123: Pilates/Fitness Ball/Yoga**

Credits: 1

Structured to improve muscular strength, cardiovascular endurance and flexibility in the deep and shallow water of the pool. Students utilize belts, buoys, weights and noodles. Each session consists of a warm-up, work-out session, and cool-down. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-123.) No textbook is required for PHED courses unless stated otherwise.

**PHED-126: Lifeguarding**

Credits: 1

The American Red Cross program provides students with skills and knowledge necessary for lifeguard certification. For certification, students must pass all required course skills, a final skills test, and a written test. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-126.) No textbook is required for PHED courses unless stated otherwise.

**PHED-143: Tennis and Pickle Ball**

Credits: 1

Introduces the fundamentals of the games of tennis and pickle ball with an emphasis on cardiovascular development. Each class consists of a warm-up, agility and footwork drills and skills which will progress to a game. Each student will complete the course with the knowledge to play the game of tennis or pickle ball. The course will spend more time on tennis than pickle ball. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-143.) No textbook is required for PHED courses unless stated otherwise.

**PHED-145: Aquatics Boot Camp**

Credits: 1

Prepares students to safely and successfully complete skills necessary for open water certification dives. Students will have water sessions and class room sessions each meeting unless otherwise arranged. To receive Scuba Educators International Open Water Diver certification the student must successfully complete all aspects of this entry-level course which includes successful completion of classroom, written testing, pool or confined water skills with proficiency testing. The required open water dives are additional and certification is awarded at the successful conclusion of the open water dives. This course is taught by Scuba Educators International certified Instructor Joseph Paternostro. No
equipment required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (New course Spring 2010.) No textbook is required for PHED courses unless stated otherwise.

PHIL-109: Philosophical Thinking
Credits: 3  WOK: P
Introduces the student to the study of reasoning, emphasizing the structure of arguments. It is a basic introductory course that explores Philosophy as a human activity. It focuses upon the processes used by philosophers as they examine questions such as: What is reason? What is real? What ought we do? Is there a God? Students not only experience major philosophers at work on human issues, but also participate in the activity by developing their own skills for creative thinking, rational agreement and responsible judgment. The course is designed to help students develop analytical skills for understanding how arguments work, how they are structured, and how they are to be evaluated. This course will also help students develop composition skills for constructing arguments and defending claims which will help develop and enhance their ability to express themselves articulately and persuasively. These skills are crucial for both making a civilized impact on the world and for serious and honest internal reflection. WOK: Problem Solving. (Formerly PHILU-109.)

PHIL-110: Intro to Philosophy: World Views
Credits: 3  WOK: PW
A study of various ways in which philosophers structure their views of the experienced world. Emphasizes historical context, critical analysis, the nature of philosophical thinking, and the relation between philosophy and other aspects of culture. WOK: Problem Solving/Write Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly PHILU-110.)

PHIL-120: 19th and 20th Century Philosophers
Credits: 3  WOK: P
Historical development of 19th and 20th-century philosophers from Kant through Hegel, Nietzsche, and Sartre, to the linguistic turn. WOK: Problem Solving. (Formerly PHILU-120.)

PHIL-124: Introduction to American Philosophy
Credits: 3  WOK: P
A study of major issues in American philosophy as developing out of the western philosophical tradition. Emphasizes understanding fundamental questions and analyses, historical context, and the relation between philosophy and characteristically American modes of thought and culture. WOK: Problem Solving. (Formerly PHILU-124.)

PHIL-128: Introduction to Symbolic Logic
Credits: 3  WOK: P
An introduction to modern logical symbolism, the relation between modern and traditional formal logic, a brief history of logic, its relation to everyday language, methods of deduction in propositional, predicate, and relational logic. WOK: Problem Solving. (Formerly PHILU-128.)

PHIL-201: Existence
Credits: 3  WOK: P
Historical development of 19th and 20th century philosophers from Kant through Hegel, Nietzsche, and Sartre, to the linguistic turn. WOK: Problem Solving. (Formerly PHILU-201.)

PHIL-203: Philosophy and Literature
Credits: 3
Using a Tele-video representation of classical, modern and contemporary drama, students explore a philosophical perspective on tragedy as an art form. Works examined include: Agamemnon, Iphigenia In Aulis, Oedipus Tyrannus, Medea, The Flies, A Streetcar Named Desire, A long Day’s Journey into Night. WOK: Problem Solving. (Formerly PHILU-203.)

PHIL-207: History and Philosophy of Science
Credits: 3  WOK: P
An investigation into the nature and scientific inquiry through study of the development of science and of the concept of science from the pre-Socratics to the twentieth century. Major issues of scientific methodology, such as discovery, validation, explanation, the nature of theories, causality, the nature of scientific revolutions, and the nature of feminist critique of science are presented in the context of the relation between science and culture. WOK: Problem Solving. (Formerly PHILU-207.)

PHIL-209: History/Ancient/Medieval Philosophy
Credits: 3  WOK: P
Focuses on both the historical continuity and the dialectical tensions in the development of western thought. Content includes the pre-Socratics, Socrates, Plato, Aristotle, the Stoics, the Neo-Platonists, St. Augustine and his influence on later medieval thought, Thomas Aquinas and Duns Scotus. WOK: Problem Solving. (Formerly PHILU-209.)

PHIL-212: History of Modern Philosophy
Credits: 3  WOK: P
Intended to be a serious investigation into the work of the most prominent figures of the modern period in the history of philosophy. Specifically we will seek to come to an initial understanding of selections from the work of Rene Descartes, David Hume, Jean-Jacques Rousseau, Immanuel Kant, G. W. F. Hegel, Soren Kierkegaard, Karl Marx and Friedrich Nietzsche. WOK: Problem Solving. (Formerly PHILU-212.)

PHIL-215: Philosophy/Religion/Eastern World
Credits: 3  WOK: P
An introduction to some of the main traditions of India and Asia through a reading of a central primary text in each. Focus is on the Hindu, Buddhist, and Taoist traditions as an attempt to appreciate the range and thematic unity of these perspectives. WOK: Problem Solving. (Formerly PHILU-215.)

PHIL-222: Introduction to Philosophy Ethics
Credits: 3  WOK: PW
A study of major western ethical theories and their application to perennial and contemporary ethical issues. Emphasizes critical analysis, the relation between ethics and culture, and the significance of virtue.
based ethical analysis. Credit hours may not be earned in both PHIL-222 and PHIL-224. 
WOK: Problem Solving/ Writing Intensive. 
Pre-Requisites: ENGL-101 or ENGL-105 and ILAR-101; or IDHP-200. (Formerly 
PHILU-112.)

PHIL-224: Intro/ Ethics and the 
Environment Credits: 3  WOK: PW 
A study of major western ethical theories 
and their application to perennial and 
contemporary ethical issues, with special 
focus on environmental concerns in both discussion 
and writing assignments. 
Emphasizes critical analysis, the relation 
between ethics and culture, the significance 
of virtue-based ethical analysis, and 
connections between environmental ethics 
and other ethical issues. Credit hours may 
not be earned in both PHIL-222 and PHIL- 
224. WOK: Problem Solving and Writing 
Intensive. Pre-Requisites: ENGL-101 or 
ENGL-105 and ILAR-101; or IDHP-200. 
(Formerly PHILU-112.)

PHYS-101: Earth Sciences 
Credits: 4  WOK: S 
An introductory course investigating topics 

in geology (rocks, minerals, earth 
structures), oceanography (topography of 
the ocean floor, water circulation, coastal 
zones) and meteorology (air movement, 
climate changes, weather patterns.) Co- 
(Formerly PHYSU-103.)

PHYS-101L: Earth Sciences Lab 
Credits: 0 
Taken in the same semester as PHYS-103. 
Lab is graded as part of the lecture. Co- 
Requisite: PHYS-103.

PHYS-104: Astronomy 
Credits: 3  WOK: S 
An introduction to the sky, the solar 
system, stellar evolution, deep space 
objects and cosmology as well as the tools 
used by astronomers to study the universe. 
Laboratory activities as well as the use of a 
14" Celestron telescope and a planetarium 
instrument enhance the course material. 
WOK: Scientific. (Formerly PHYSU-104.)

PHYS-105: Physical/Earth/Space 
Science 
Credits: 4  WOK: S 
Introduces students to the basics of the 
physical sciences including Earth Science 
and Astronomy. Examines how scientific 
knowledge in these areas is obtained as well 
as the implications and applications of that 
knowledge. Emphasis is on how scientists 
perceive and attempt to understand the 
natural world. The approach is conceptual, 
with emphasis on understanding the way 
things work, rather than deeply theoretical. 
Laboratory activities will provide hands on 
investigation of these concepts. For 
education majors, this course provides 
content specific to earth and physical 
sciences to meet specific PA Department of 
Education competencies. WOK: Scientific. 
Co-Requisite: PHYS-105L. (New course 
Spring 2011.)

PHYS-105L: Physical/Earth/Space 
Science Lab 
Credits: 0 
Taken in the same semester as PHYS-105. 
Lab is graded as part of the lecture. Co-
Requisite: PHYS-105. (New course 
Spring 2011.)

PHYS-107: The Science of Music 
Credits: 3  WOK: S 
An introduction to the science of musical 

sound. Topics include the production, 
reproduction, and transmission of sound, 
the structure of the human voice and ear, 
the acoustical foundations of musical scales 
and instrument tuning, the design of 
listening rooms and musical instruments. 
WOK: Scientific. (Formerly PHYSU-107.)

PHYS-121: Principles of Physics I 
Credits: 4  WOK: S 
A calculus-based introduction to the ideas 
of classical physics in which activities 
inform the lectures. Topics include 
mechanics, thermodynamics, wave motion 
and sound, electricity and magnetism, and 
light. Six hours of activity-based learning. 
Co-Requisite: PHYS-122L. WOK: 
Scientific. Pre-Requisites: MATH-212 and 
PHYS-121. (Formerly PHYSU-122.)

PHYS-121L: Principles of Physics I 
Lab 
Credits: 0 
Taken in the same semester as PHYS-121. 
Lab is graded as part of the lecture. Co-

PHYS-122: Principles of Physics II 
Credits: 4  WOK: S 
A calculus-based introduction to the ideas 
of classical physics in which activities 
inform the lectures. Topics include 
mechanics, thermodynamics, wave motion 
and sound, electricity and magnetism, and 
light. Six hours of activity-based learning. 
Co-Requisite: PHYS-122L. WOK: 
Scientific. Pre-Requisites: MATH-212 and 
PHYS-121. (Formerly PHYSU-122.)

PHYS-122L: Principles of Physics II 
Lab 
Credits: 0 
Taken in the same semester as PHYS-122. 
Lab is graded as part of the lecture. Co-
Requisite: PHYS-122. (Formerly PHYSU-
122.)

PSCI-101: Introduction to Political 
Science 
Credits: 3  WOK: B 
A general survey course that examines the 
nature of the discipline with respect to its 
historical development and its major 
subdivisions, including the American 
political system, political theories and 
ideologies, comparative governments, and 
international relations. WOK: Behavioral. 
(Formerly PSCU-101.)

PSCI-112: American State and Local 
Government 
Credits: 3  WOK: B 
Looks at the organization and functions of 
state and local government under our 

federal system as well as the rights and 
duties of citizens within their communities, 
with particular emphasis on government 
and citizenship in Pennsylvania. WOK: 
Behavioral. (Formerly PSCIU-102 and 
PSCIU-112.)

PSCI-113: American Political Process 
Credits: 3  WOK: B 
A basic course on the structure and 
functions of the American federal 
government. Topics for analysis include: 
the origins of the American Constitution, 
US political culture, political parties and 
interest groups, the structure and 
functioning of the Congress and the 
Executive, and impact of the Supreme
PSCI-114: American Political Parties  
Credits: 3  WOK: B  
Examines political parties and pressure groups in their role as a legitimizing factor in American government with emphasis on recent statistical materials in the fields of party organization, voting behavior and public opinion. WOK: Behavioral. (Formerly PSCI-107 and PSCI-117.)

PSCI-117: Principles of Business Law  
Credits: 3  WOK: B  
Students receive an introduction to the nature and functions of law and the fundamental principles of business law: law of contracts, torts, insurance, consumer rights, wills and trusts, and sales. WOK: Behavioral. (Formerly PSCI-107 and PSCI-117.)

PSCI-118: Mass Media and Politics  
Credits: 3  WOK: B  
Explores the various types of media, government regulation of the media, the gathering and distribution of political news, and media use in election campaigns. WOK: Behavioral. (Formerly PSCI-118 and PSCI-185.)

PSCI-130: The Rule of Law  
Credits: 3  WOK: B  
A basic survey course of government regime types. Rules of law (liberal democracies) are compared to rules of men (autocracies, one-party states and monarchies) and rules of religious leaders (theocracies) as these regime types have been found in the past and present. Special emphasis is given to the challenge of creating a rule of law in newly established democracies. WOK: Behavioral. (Formerly PSCI-130)

PSCI-140: Introduction to World Politics  
Credits: 3  WOK: B  
Seeks to acquaint students with the actors, issues and structure of the international system of states. Topics include power politics, humanitarian interventions, war and democracy, international terrorism, nuclear proliferation, free trade, global finance, the global commons, international law and globalization. WOK: Behavioral. (Formerly PSCI-140.)

PSCI-214: Constitutional Law: Civil Liberties  
Credits: 3  WOK: B  
Examines the Supreme Court’s role in determining the limits of the civil rights and liberties such as freedom of speech, freedom of press, freedom of religion and other protections of the Bill of Rights. WOK: Behavioral. (Formerly PSCI-214.)

PSCI-230: Intro/Comparative Politics/Gov Syst  
Credits: 3  WOK: B  
Examines important issues and core concepts for understanding government and politics in various regions such as Europe, Asia, Latin America and Africa. Class lectures and discussions are organized around the themes of stability and change in political institutions, economic development, citizen participation and social welfare. WOK: Behavioral. (Formerly PSCI-230.)

PSCI-231: Intro/Comparative Politics/Cr Nat’l  
Credits: 3  WOK: B  
Examines important issues and core concepts for understanding government and politics in various regions such as Europe, Asia, Latin America and Africa. Class lectures and discussions are organized around the themes of new vs. established democracies, ideology, revolution, genocide, social movements and civil society. WOK: Behavioral. (New course Fall 2010.)

PSCI-232: Comparative Democracy  
Credits: 3  WOK: B  
An exploration of various types of "government by the people," with emphasis on the issues and challenges of political participation, market capitalism, civil society, and homeland security in five mature democracies from North American, Europe, Asia and the Middle East. WOK: Behavioral. (Formerly PSCI-232.)

PSCI-240: Theories of International Relations  
Credits: 3  WOK: B  
Challenges students to critically examine the major theoretical approaches to the study of international relations, focusing on both historical and current issues in international security and international political economy. Classic concepts such as the balance of power, the security dilemma are discussed, and insights from game theory, public goods theory, Marxist-dependency theory and many others are explored. WOK: Behavioral. (Formerly PSCI-240.)

PSCI-241: American Foreign Policy  
Credits: 3  WOK: B  
An exploration of national interests and principles that have animated US foreign policy debates and actions throughout the 20th century and at the start of the new millennium. Topics include the foreign policy decision-making process, problems of national security, and strategies for trade and monetary policy in the international economy. WOK: Behavioral. (Formerly PSCI-141 and PSCI-241.)

PSCI-242: International Organizations  
Credits: 3  WOK: B  
Considers the role of international organizations and international regimes in promoting world order. Topics include peacekeeping, nuclear proliferation, world health, economic distributive justice, environmental issues and the Law of the Sea. WOK: Behavioral. (Formerly PSCI-242.)

PSCI-281: Special Topics in Political Science  
Credits: 3  WOK: B  
Topics vary by semester. Repeatable for credit. WOK: Behavioral. (Formerly PSCI-281.)

PSCI-321: Political Theories: Ancient/Medieval  
Credits: 3  WOK: B  
Explores the works of major political philosophers in early world history and focuses on such concepts as justice, freedom, and equality as well as the nature and the function of the state. Students will investigate the relevance of early philosophical insights for contemporary political challenges. WOK: Behavioral. (Formerly PSCI-311.)
PSCI-322: Political Theories: 17th to 20th C
Credits: 3  WOK: B
An analysis of the writings of selected modern world political philosophers and the influence of their ideas on present political structures. Issues discussed include the problem of political obligation, freedom vs. totalitarianism, the social contract, forms of government, and revolution. WOK: Behavioral. (Formerly PSCU-312)

PSCI-330: Gov’t/Politics of the Middle East
Credits: 3  WOK: BW
Compares authoritarian, monarchical and democratic regime types found in the Middle East, focusing on the impacts of religion, colonialism, the Cold War, the Palestinian-Israeli conflict, and the blessings/curses of oil across the region. WOK: Behavioral/Writing Intensive. Pre-Requisites: ENGL-101 or ENGL-105, and ILAR-101; or IDHP-200. (Formerly PSCI-330.)

PSCI-341: International Political Economy
Credits: 3  WOK: B
Explores theories and issues in international political economy, focusing on the political consequences of global economic relations. Students will investigate both historical and current challenges in international political economy. Topics include international trade relations, international monetary management, strategies for economic development, the effects of multinational corporations, the efficacy of foreign aid, oil and cartel power. WOK: Behavioral. (Formerly PSCI-241 and PSCI-341.)

PSCI-401: Internship in Political Science
Credits: 3  WOK: B
A field experience for qualified majors that has direct relevance to the areas of government, law and politics. The internship does not count toward the 36 credit hours required for the major in political science. Repeatable for credit. Not open to Freshman. Graded Pass or Fail only. (Formerly PSCI-401.)

PSCI-481: Adv Special Topics in Political Sci
Credits: 3  WOK: B
Topics vary by semester. Repeatable for credit. WOK: Behavioral. (New course Fall 2010.)

PSCI-490: Independent Study in PSCI
Credits: 3
An opportunity for students to work one-on-one with a professor to pursue advanced study in researching a political science topic. Arranged by invitation from political science faculty. Repeatable for credit. (New course Fall 2010.)

PSCI-498: Senior Seminar in Political Science
Credits: 3
Designed to be the capstone experience for political science majors and requires students to reflect on the integrated nature of coursework they have completed while pursuing the major. Students will submit a research paper that explores a topic according to the standards of the discipline. Students will also give a poster or an oral presentation on their research topic. The Senior Seminar is usually taken in either the Fall or Spring of the student’s senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105, or IDHP-200; plus a Writing Intensive course (Formerly PSCU-498.)

PSYC-101: General Psychology
Credits: 3  WOK: B
An introduction to the nature, scope, and methods of Psychology. Includes a survey of the processes of learning, memory, human development, social Psychology, and symptoms, diagnoses and treatment of Psychological disorders. Discusses the role of methodologies used to investigate the social and biological bases underlying human behavior. WOK: Behavioral. (Formerly PSYU-101.)

PSYC-103: Psychology/Child Development
Credits: 3  WOK: B
Explores the Psychological theories of emotional, social, cognitive, and physical development from the prenatal period through childhood. Contains an experiential component through personal research on cognitive transitions that occur during middle childhood. Pre-Requisite: PSYC-101. WOK: Behavioral. (Formerly PSYU-103.)

PSYC-104: Psychology/Adolescent Development
Credits: 3  WOK: B
Examines the cognitive, emotional, physiological, and social developments that occur during adolescence. Emphasizes the Psychosocial and environmental factors that increase adolescents’ risk of abuse, addiction, alienation, delinquency, mental illness, and violence. WOK: Behavioral. Pre-Requisite: PSYC-101.

PSYC-109: Psychology of Women
Credits: 3  WOK: B
Considers interpersonal and familial relationships, family, education, career choice, and historical change as they relate to the lives of women in the US and globally. Emphasizes issues that affect growth and development such as social identity, self-esteem, and gender-typing. Feminist research and theory, current political trends, and personal experience are united in an effort to better understand the universal effects of gender on personal and Psychological outcomes for women. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-109.)

PSYC-111: Industrial/Organizational Psych
Credits: 3  WOK: B
Considers employee motivation, job satisfaction, leadership styles, power and influence; work related stressors; job involvement and organizational commitment; and recruitment, selection, training. Emphasizes issues of fairness at work including compliance with equal employment guidelines; gender discrimination; enforcement of sexual harassment policies; comparable worth and pay equity. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-111.)

PSYC-202: Educational Psychology
Credits: 3  WOK: B
Involves the application of Psychological principles concerned with the processes of growth and development, thinking, learning and motivation to the problems of

PSYC-206: Theories of Personality
Credits: 3  WOK: B
Involves a study of the major Psychodynamic, behavioral, social learning, trait and humanistic theories of personality. Application is incorporated through various classroom techniques and assignments. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-206.)

PSYC-207: Intro to Cognitive Psychology
Credits: 3  WOK: B
Provides an overview of contemporary research and theories concerning the structure and processes of the mind. Topics include information processing, artificial intelligence, sensory memory, masking effects, object recognition, attention, memory processes, language and decision-making. WOK: Behavioral. Pre-Requisite: PSYC-101 (Formerly PSYU-207.)

PSYC-211: Sensation and Perception
Credits: 3  WOK: B
Examines the field of perception: how we organize and interpret sensory information so that we can understand the external world. Topics to be covered include principles of Psychophysics; the eye and brain; pattern perception; color vision; perception of depth, size and motion; hearing and auditory system; touch; taste and smell. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-211.)

PSYC-212: Social Psychology
Credits: 3  WOK: B
The study of how an individual’s thoughts, feelings, and behaviors are affected by social influences. Topics include: persuasion; conformity; obedience;liking, loving, and interpersonal attraction; self-concept; social cognition; prosocial behavior; and prejudice. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-212.)

PSYC-216: Quantitative Methods in Psychology
Credits: 3  WOK: P
Surveys statistical methods and concepts used in Psychological research. Provides a foundation in descriptive and inferential statistics. Includes measures of central tendency and dispersion, hypothesis testing, factorial analysis of variance, correlation and regression, and cross-tabulation methods. SPSS statistical computing software is utilized. While usually taken by Psychology majors only, this course is open to non-majors with Chairperson approval. WOK: Problem Solving. Pre-Requisite: PSYC-101 and the fulfillment of the Math Proficiency requirement. (Formerly PSYC-216.)

PSYC-217: Abnormal Psychology
Credits: 3  WOK: B
Focuses on the study of abnormal behavior, classification of Psychological disorders as well as possible causes, treatment options, prevention and prognosis. Examines the major theoretical perspectives in abnormal behavior. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-217.)

PSYC-223: Theory/Practice of Psych Counseling
Credits: 3  WOK: B
Reviews different theories of personality and their accompanying schools of counseling, including demonstrations by experienced counselors. Experiential exercises will help students to further develop basic listening and communications skills. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-223.)

PSYC-225: Psychology and the Law
Credits: 3  WOK: B
Examines Psychological principles in the practice of law, including forensic assessment of competence and insanity; mental disorders and criminal responsibility; eyewitness and expert testimony; tests of eyewitnesses’ accuracy; ethical considerations of Psychologists as expert witnesses; Psychology of evidence; Psychology of jury selection, dynamics, and deliberations; Psychology of victims. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-225.)

PSYC-230: Drugs and Behavior
Credits: 3
Covers theories and experimental evidence regarding the mechanisms of action and effects of drugs on the brain and behavior. In addition it covers the impact of drugs on society and the implications of drug usage on clinical practice. Students engage in debates about topics relevant to drug usage and legalization. Pre-Requisite: PSYC-101. (Formerly PSYU-230.)

PSYC-240: Psych of Health/Stress/Coping
Credits: 3  WOK: B
Examines various determinants of health outcomes. Includes the nature and causes of Psychological stress; relationships between stress and susceptibility to disease; impact of beliefs on perceptions of health and recovery; management of stress through coping styles and strategies; lifestyle-related disease due to health compromising behaviors. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYU-240.)

PSYC-281: Special Topics in Psychology
Credits: 3
Topics vary, and include specialized topics touching on all of the areas of study in Psychology. Repeatable for credit. Pre-Requisite: PSYC-101. (Formerly PSYU-281.)

PSYC-301: Group Process and Leadership
Credits: 3
Interaction in a group setting focusing on theories and techniques of group counseling, group facilitation, and group development. Facilitating and participating in a group experience will be a part of the course. Pre-Requisite: PSYC-101. (Formerly PSYU-301.)

PSYC-313: Research Methods in Psychology
Credits: 3  WOK: W
Provides comprehensive coverage of the major methods used in Psychological research. Students receive extensive practice in designing, conducting, analyzing, and interpreting the results of research studies and writing reports in APA style. WOK: Writing Intensive. Pre-
PSYC-320: Psychological Measurement
Credits: 3  WOK: W
Includes fundamentals of test development and construction, evaluation, scoring, and interpretation, and survey methodology. Presents concepts of reliability and validity, and ethical considerations of Psychological measurement. Examines tests used for the assessment of intelligence, personality, and abilities. Open to non-majors who have completed a course in statistics and receive permission of the Chairperson. WOK: Writing Intensive. Pre-Requisite: PSYC-216. (Formerly PSYU-320.)

PSYC-401: Internship in Psychology
Credits: 3
Provides practical and relevant experience in the field of Psychology by working at an approved site. Selection of the site depends on student interest and approval of the Chairperson. Open to majors with Junior or Senior status only. Graded Pass/Fail only. May be repeated for up to 6 credits. (Formerly PSTU-401 and PSYU-402.)

PSYC-405: Teaching of Psychology
Credits: 1
Presents information essential for teaching Psychology in high school or at the undergraduate level. Students have an opportunity to assist in a course. Graded Pass/Fail only. Pre-Requisites: Junior or Senior status; a minimum major GPA of 3.0; and Chairperson approval. (Formerly PSYU-405.)

PSYC-481: Advanced Special Topics in Psych
Credits: 3
Topics vary, and include specialized topics touching on all of the areas of study in Psychology. Repeatable for credit. Pre-Requisite: PSYC-101. (Formerly PSYU-481.)

PSYC-498: Senior Seminar in Psychology
Credits: 3
Focuses on current theories and research in the field of Psychology. Attempts to integrate students’ knowledge about Psychology and provides an opportunity for a careful examination of critical, contemporary issues in Psychology. Each senior presents a research report and an oral report on a contemporary topic. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: PSYC-313; and ENGL-101, 105 or IDHP-200 plus a Writing Intensive course. (Formerly PSYU-498.)

PTCP-116: Functional Body Works
Credits: 4  WOK: S
Covers the basic scientific foundation for understanding the structures and functions of the human body and the biomechanics of boney joints and muscles (anatomy). Co-Requisite: PTCP-116L. WOK: Scientific. (Formerly SCIU-116.)

PTCP-116L: Functional Body Works Lab
Credits: 0
Lab is graded as part of the lecture. Co-Requisite: PTCP-116. (Formerly SCIU-116L.)

PTCP-117: Science of Exercise
Credits: 4  WOK: S
Covers the basic concepts of energy and muscle function and the physiological responses to physical activity. Co-Requisite: PTCP-117L. WOK: Scientific. (Formerly SCIU-117.)

PTCP-117L: Science of Exercise Lab
Credits: 0
Lab is graded as part of the lecture. Co-Requisite: PTCP-117. (Formerly SCIU-117L.)

PTCP-118: Personal Training Concepts
Credits: 4  WOK: S
Science behind sports training program design and the demands athletes and the general population face in everyday life. Concentration is placed on kinetic chain assessment, corrective exercise training, dynamic flexibility training, core strength training, neuromuscular stabilization training, reactive neuromuscular training, speed/agility/quickness, and integrated strength training. Co-Requisite: PTCP-118L. WOK: Scientific. (Formerly SCIU-118.)

PTCP-118L: Personal Training Concepts Lab
Credits: 0
Lab is graded as part of the lecture. Co-Requisite: PTCP-118. (Formerly SCIU-118L.)

PTCP-401: Internship in Personal Training
Credits: 3
Graded pass or fail only. Pre-Requisites: PTCP-116, PTCP-117, and PTCP-118. (Formerly SCIU-119.)

RLST-104: Religious Imagination
Credits: 3
Explores questions regarding the general nature of religious activity and expression. The religious imagination stresses the sacramental nature of the world; imagination interacts with diverse religious narratives and worldviews. Religious imagination sees reflections of the sacred in all of creation: the objects, events, and persons of everyday life hint at the nature of God and, in some way, make God present to us. (Formerly RLSTU-104: Religion and Culture.)

RLST-206: World Religions
Credits: 3
Examines humanity’s evolving relationship with the supernatural. Studies primitive, archaic, and historic periods in the development of religion as background to modern religious systems and traditions. Explores several of the world’s religions, including their belief statements; sacred writings; moral codes; relationship to other religions. (Formerly RLSTU-206.)

RLST-208: What Catholics Believe
Credits: 3
An overview of both the contemporary Catholic milieu and the factors that have contributed to the current state of the Church. Covers the major components of Catholicism: Revelation, Theology of God, Christology, Ecclesiology, Sacramentology, and Morality. Topics are investigated from the position of traditional belief and of modern scholarship. (Formerly RLSTU-208.)

RLST-209: Old Testament Studies
Credits: 3
Explores the Old Testament in the light of modern biblical scholarship. Areas of concentration include creation material; covenant and roots of Israelite worship; the prophets; Wisdom literature; and apocalyptic literature. (Formerly RLSTU-209.)

Credits: 3  
Examines the New Testament in light of modern biblical scholarship. Attention is given to the literary forms of the gospels and letters; Jesus’ public ministry and message; the role of Paul; and the apocalyptic mindset. (Formerly RLSTU-210.)

**RLST-216: Fundamental Moral Theology**  
Credits: 3  
Examines the moral decision-making process in light of biblical and Christian principles. Areas of study include the human act; conscience; moral development; and various ethical systems. Uses selected contemporary issues for discussion. (Formerly RLSTU-216.)

**RLST-217: Contemporary Moral Issues**  
Credits: 3  
In-depth examination of current moral issues, such as homosexuality, nuclear war, hunger, poverty, sexism, racism, etc. Attention is given to media presentation of these issues with a goal to critical evaluation of underlying principles. (Formerly RLSTU-217.)

**RLST-222: Marriage and Family**  
Credits: 3  
Examines the nature and evolution of the marriage covenant through scripture and history. Explores issues such as human development, interpersonal relationships, communication, and lifestyle choices. Discusses contemporary challenges to marriage, such as career choices, finances, child care, and gender roles. Open to students with Junior or Senior standing only. (Formerly RLSTU-222.)

**RLST-226: The Meaning of Death and Dying**  
Credits: 3  
Examines approaches to caring for the sick and dying. Explores the physical, psychological, sociological and theological aspects of the dying process. Discusses the role of religious ideals and values in enabling people to deal with dying and death. Considers rituals of death and the grieving process. (Formerly RLSTU-226.)

**RLST-234: Sacraments and Spirituality**  
Credits: 3  
Examines the relationship between the sacramental/liturgical life of the Church and Christian spirituality. Attention is given to the reciprocal relationship between intimacy with God (prayer) and intimate life events (sacraments), as sacred moments when we encounter God with particular intimacy: birth, adolescence, conversion and reconciliation, friendship and marriage, common and ministerial priesthood, sickness and death, and Eucharistic-centered living. (Formerly RLSTU-234.)

**RLST-240: Introduction to Social Justice**  
Credits: 3  
Seminar type course that explores issues of social justice in light of principles of biblical ethics and Christian social teaching. Extensive discussion of topics such as the feminization of poverty; the impact of defense spending on social programs; and the relationship between First and Second World consumerism and the Third and Fourth World destitution. Required readings include pertinent Church statements and current newspaper and magazine articles. (Formerly RLSTU-240.)

**RLST-242: Women in Society and Religion**  
Credits: 3  
Examines the changing roles of women in society and in various religious traditions. The biblical foundations for an understanding of the basic dignity of women are explored. (Formerly RLSTU-242.)

**RLST-244: Global Theology/The Cry for Justice**  
Credits: 3  
Through critical reflection, the student is drawn into an examination of faith as an anchor and guide in discovering life’s meaning and value. The course examines central themes of spirituality, such as images of God; church; the self-inrelationship; it underscores the need for stories and symbols; for solitude and community; for contemplation and action in the context of the faith maturation process. (Formerly RLSTU-244.)

**RLST-250: Heart of the City/Religious Studies**  
Credits: 3  
Examines the human person and the human condition from the academic disciplines of religion and sociology. Provides opportunities for first-hand experiences to enable the student to reflect more deeply on the human struggle for meaning, existence, and even survival. Through volunteer service, the student is given a unique vantage point for observing and sharing in the journey of life through the eyes, ears, and hearts of those who find themselves on the fringe of life in the heart of the city. Co-requisite: SOCI-250. (Formerly RLSTU-250.)

**RLST-401: Internship/Religious Studies**  
Credits: 3  
An internship experience graded Pass or Fail only. Pre-Requisite: Permission of the Chair of the Religious Studies Department. (Formerly RLSTU-401.)

**RLST-481: Adv Sp Topics in Religious Studies**  
Credits: 3  
(Formerly RLSTU-481.)

**RUSS-101: Elementary Russian I**  
Credits: 3  
Provides an introduction to the Russian language, alphabet, and sound system based on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. It is addressed to students with little or no previous experience in the language. It includes work in listening, speaking, reading and writing, with emphasis on the cultural heritage of the Russian people. (Formerly RUSSU-101.)

**RUSS-102: Elementary Russian II**  
Credits: 3
Provides an introduction to the Russian language, alphabet, and sound system based on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. It is addressed to students with little or no previous experience in the language. It includes work in listening, speaking, reading and writing, with emphasis on the cultural heritage of the Russian people. (Formerly RUSS-101.)

**RUSS-103: Intermediate Russian I**
Credits: 3
Addressed to students with some knowledge of Russian. In includes the development of reading, writing, listening, and speaking skills according to the National Standards for language learning, through the use of audio-visuals, short selections of authentic texts, and oral and written projects. It aims to bring the student to the intermediate low or mid level of proficiency according to the ACTFL proficiency guidelines. (Formerly RUSS-103.)

**RUSS-104: Intermediate Russian II**
Credits: 3
Addressed to students with some knowledge of Russian. In includes the development of reading, writing, listening, and speaking skills according to the National Standards for language learning, through the use of audio-visuals, short selections of authentic texts, and oral and written projects. It aims to bring the student to the intermediate low or mid level of proficiency according to the ACTFL proficiency guidelines. (Formerly RUSS-104.)

**RUSS-281: Special Topics in Russian**
Credits: 3
Topic to be announced. (New course Fall 2010.)

**RUSS-481: Advanced Special Topics in Russian**
Credits: 3
(Formerly RUSS-481.)

**SOCI-101: Introduction to Sociology**
Credits: 3  WOK: B
An invitation to the study of sociology. An analysis of the nature of human society and groups, cultural factors and social institutions. Areas covered include: stratification, socialization, family, gender, deviance, work and social change. WOK: Behavioral. (Formerly SOCU-101.)

**SOCI-103: Social Problems**
Credits: 3  WOK: B
Examines and explores the various social problems in American society and how they affect and are affected by societal attitudes. Theoretical perspectives will be applied to such problems as poverty, substance abuse, violence, sexism, racism, ageism, environmental problems and terrorism. Service learning may be incorporated. WOK: Behavioral. (Formerly SOCU-103.)

**SOCI-104: Major Global Problems**
Credits: 3  WOK: B
A study of several selected problems facing the world community today including the inequality of individuals, groups and nations, world hunger, population growth, environmental issues and war and peace. WOK: Behavioral. (Formerly SOCU-104.)

**SOCI-125: The Family**
Credits: 3  WOK: B
A cross-cultural and historical treatment of the institution of marriage and the family including a sociological analysis of the modern family, patterns of dating and courtship, and the changing definitions concerning the contemporary family. WOK: Behavioral. (Formerly SOCU-125.)

**SOCI-126: Gender and Society**
Credits: 3  WOK: B
The dynamics of sex and gender in society. The social sources of human sexual identity, gender formation, sex-role stereotyping and correlated behaviors. A cross-cultural survey of institutional sex roles followed by an examination of sex roles in contemporary society. WOK: Behavioral. (Formerly SOCU-126.)

**SOCI-201: Social Inequality**
Credits: 3  WOK: BW
Open to SOCI, CRJU, and HSVC majors and minors only. An examination of structured social inequality. Among the major forms discussed will be class-based, racial and ethnic, and gender inequalities. Course emphasizes basic tools available to social scientists for exploring the social world. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. WOK: Behavioral/Writing Intensive. (Formerly SOCU-201.)

**SOCI-216: Sociology of Health and Medicine**
Credits: 3  WOK: B
An analysis of health, illness and the health professions from a sociological and a socio-psychological perspective. Topics include health attitudes and behavior, the socialization of health professionals, the organizations of health care and patient-professional relationships. WOK: Behavioral. (Formerly SOCU-216.)

**SOCI-226: Deviance and Social Control**
Credits: 3  WOK: B
A sociological examination of deviant behavior and society’s response to it. Focuses on the meanings of deviance within particular social contexts: deviant subcultures, political uses of deviance, moral crusades and social change. Cross-listed with CRJU-226. WOK: Behavioral. (Formerly SOCU-226.)

**SOCI-255: Culture and Society**
Credits: 3
Focuses on the study of human culture and its variations around the world. There will be the opportunity for students to develop a general sociological understanding and perspective that will be used to evaluate, interpret, and understand cultural change, popular culture, intercultural communications and the integrative patterning of worldviews, values, and behavior that has accompanied the process of economic globalization. (New course Spring 2011.)

**SOCI-300: Sociological Theory**
Credits: 3  WOK: W
Examines major ideas of classical and contemporary sociologists within their social context. Emphasizes the practical application of theoretical concepts, critical thinking about social topics and communicating ideas through writing. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly SOCU-300.)

SOCI-302: Social Science Research Methods
Credits: 3
This methodology research course will focus on the methods of scientific inquiry. Students are expected to build a capacity to: (1) interpret research and apply research findings to practical situations in their field of study, (2) critically review other research, (3) formulate and design an original scholarly research proposal, (4) analyze and interpret data from research studies and (5) understand the role of professional ethics in social research. (Formerly SOCU-301.)

SOCI-401: Internship in Sociology
Credits: 3
Internship placement in a work environment related to the student’s career interests. Repeatable for credit. Graded pass/fail only. (Formerly SOCU-401.)

SOCI-481: Adv Special Topics in Sociology
Credits: 3
An in-depth investigation of a topic chosen by the instructor. (Formerly SOCU-481.)

SOCI-498: Senior Seminar in Sociology
Credits: 3
Each student will engage in independent research, and write a scholarly paper, and give a professional presentation on an approved topic. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: SOCI-201 and SOCI-302. (Formerly SOCU-498.)

SPAN--102: Intensive Elementary Spanish
Credits: 4
For students with some knowledge of basic Spanish. Intensive review of essential grammar and vocabulary from Spanish 101 and then an intensive study of the material from Spanish 102. Attention given to the essentials of pronunciation and grammar, leading to novice-level proficiency in reading, writing, speaking and understanding. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, computer and Internet resources. (Formerly SPANU-102X.)

SPAN-101: Elementary Spanish I
Credits: 3
Introduction to the Spanish language for students with little or no previous experience. Essentials of pronunciation and grammar, leading to novice-level proficiency in reading, writing, speaking, and understanding. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, computer and Internet resources. (Formerly SPANU-101.)

SPAN-102: Elementary Spanish II
Credits: 3
Introduction to the Spanish language for students with little or no previous experience. Essentials of pronunciation and grammar, leading to novice-level proficiency in reading, writing, speaking, and understanding. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, computer and Internet resources. (Formerly SPANU-102.)

SPAN-103: Intermediate Spanish I
Credits: 3
For students with a basic knowledge of Spanish. Grammar review, pronunciation and introduction to Hispanic authors, with development of reading, writing, speaking and listening skills. Focuses on the five National Standards for language learning. Includes audio-visual materials, computer and Internet resources. (Formerly SPANU-103.)

SPAN-104: Intermediate Spanish II
Credits: 3
For students with a basic knowledge of Spanish. Grammar review, pronunciation and introduction to Hispanic authors, with development of reading, writing, speaking and listening skills. Focuses on the five National Standards for language learning. Includes audio-visual materials, computer and Internet resources. (Formerly SPANU-104.)

SPAN-107: Spanish for Educators I
Credits: 3
Pre-requisite: SPAN-101 or with permission of the Instructor. (New course Fall 2010.)

SPAN-108: Spanish for Educators II
Credits: 3
Pre-Requisite: SPAN-107. (New course Spring 2011.)

SPAN-220: Spanish for Heritage Speakers
Credits: 3
Intermediate level course for students whose first or family language is Spanish and wish to standardize their language proficiency before pursuing further study in Spanish language or literature. Grammar review, composition, vocabulary building, spelling and phonetics, with emphasis on the native linguistic and cultural background as well as the special challenges of heritage speakers. (Formerly SPANU-105.)

SPAN-221: Advanced Grammar/Composition
Credits: 3  WOK: W
Special attention to the structure of present day Spanish. Intensive review of grammar principles, vocabulary, and usage to increase the student’s command of written and spoken Spanish. Also includes practical exercises in elementary translation and the comparative study of English and Spanish, highlighting cultural and linguistic differences, especially in contemporary written and spoken Spanish. WOK: Writing intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200. (Formerly SPANU-221.)

SPAN-222: Advanced Conversation
Credits: 3
Designed to develop conversational fluency in written and spoken Spanish, accuracy of
pronunciation and intonation and maturation of style. Films provide the point of departure for conversation, cultural discussion, research and writing. (Formerly SPANU-222.)

SPAN-228: Commercial Spanish
Credits: 3
Designed to develop fluent communication, both oral and written, in contemporary business transactions. Special attention given to understanding the cultural context within which business is conducted in both Spain and Latin America via newspaper articles, audio and video materials and the Internet. Group projects, class discussions, oral and written work in Spanish. (Formerly SPANLI-228.)

SPAN-231: Intro to Hispanic Culture I/Spain
Credits: 3
Examines all facets of Spanish Culture from the early migration of peoples to the Iberian Peninsula to the Conquest of the Americas to present day social, political and economic developments. Special emphasis given to the diversity of cultures, traditions, and languages contributing to the richness of life in various regions of Spain. Includes documentaries / films, discussion, exams, oral and written reports. (Formerly SPANLI-231.)

SPAN-232: Intro to Hispanic Culture II/Lat Am
Credits: 3
Examines all facets of Latin American culture from Pre-Colombian civilizations to the Spanish Conquest to present day social, political and economic developments. Special emphasis given to the diversity of cultures, traditions and languages contributing to the richness of life in various regions of Latin America. Includes documentaries / films, discussion, exams, oral and written reports in Spanish. (Formerly SPANLI-232.)

SPAN-261: Masterpieces of Hispanic Lit I
Credits: 3 WOK: W
An introductory literature course intended to familiarize the student with the literature of Spain and to develop skills in literary analysis. Works from the Middle Ages to present are studied. Class discussion, readings, oral and written work in Spanish. WOK: Literary and Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200 . (Formerly SPANU-261.)

SPAN-262: Masterpieces of Hispanic Lit II
Credits: 3 WOK: W
An introductory literature course intended to familiarize the student with the literature of Latin America and to develop skills in literary analysis. Works written before 1492 through the present are studied. Class discussion, readings, oral and written work in Spanish. WOK: Literary/Writing Intensive. Pre-Requisites: ENGL-101 or 105 and ILAR-101; or IDHP-200 . (Formerly SPANU-262.)

SPAN-281: Special Topics in Spanish
Credits: 3
An study of a particular period on topic in Hispanic Literature open to all qualified students. May be repeated for credit. (New course Fall 2010.)

SPAN-401: Internship in Spanish
Credits: 3
Internship experience in Spanish. Graded Pass or Fail only. Pre-Requisite: Permission of the Chairperson of the Foreign Language Department. (Formerly SPANU-401.)

SPAN-481: Advanced Special Topics in Spanish
Credits: 3
An intensive study of a particular period on topic in Hispanic Literature open to all qualified students. May be repeated for credit. (Formerly SPANU-481.)

SPAN-498: Senior Seminar in Spanish
Credits: 3
Designed to correlate the main literary trends in Hispanic literature. Students will also give a poster or an oral presentation on their research topic. Pre-requisites: ENGL-101, ENGL-105, or IDHP-200 plus a Writing Intensive course. The Senior Seminar is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the academic advisor. Pre-Requisites: ENGL-101, ENGL-105, or IDHP-200; plus a Writing Intensive course (Formerly SPANU-498.)

SPP8-312: Reading Interventions/Diverse Learn
Credits: 3
Examines the process of identifying reading deficits and selecting interventions to address those deficits. Research-based reading practices for all readers, but especially for struggling readers will be presented. Students will demonstrate mastery of the process of assessment, familiarity with various available instructional approaches for struggling readers and strategies for selecting and adapting instructional approaches in a case-study approach. (New course Spring 2011.)

SPP8-340: Introduction to Special Education
Credits: 3
Focuses on the foundation of special education and is designed to provide a comprehensive review of what has been called “Special Education”. As future teachers, students will come to understand the history of special education, including how children and adolescents are assessed, labeled, and provided services under the existing and past federal and state laws; what constitutes general patterns of learning and behavior of children needing special services; intervention strategies, both within the regular education setting and separate from the regular classroom; how past and present laws and litigation influences services for children needing special education; how community, state and federal programs interact to support schools and families of children needing special services; how cognitive, physical, social, and behavioral skill development shapes children and delineate how individuals acquire and process information. (New course Spring 2011.)

SPP8-345: Assessment and Adaptations
Credits: 3
Introduces to pre-service teachers the research, skills and strategies necessary to enhance the learning of students with disabilities in inclusive classrooms. Pre-service teachers are introduced to a developmental, sequenced approach and research-based methodologies of curricular accommodations and modifications. They develop a broad view of interventions and
innovative practices related to curricular methods, materials and media in a variety of learning environments. This course incorporates collaboration, ethical practices, Pennsylvania Standards, Council for Exceptional Children Standards, learning strategies, and individualized education as they apply to the academic, physical, emotional, cognitive and behavioral needs of learners with diverse needs and abilities in inclusive settings. (New course Spring 2011.)

SPP8-355: Instruction/Inclusive Environments
Credits: 3
Practicum designed for undergraduate students to have some responsibility for the instructional, behavioral and other appropriate needs of school-aged students with both high and low incidence disabilities. This experience provides an opportunity to apply knowledge, which was developed throughout all the coursework in special education as well as during the practicum seminar. Includes 75 hours of fieldwork. (New course Spring 2011.)

SPP8-390: ESL Foundations and Methods
Credits: 3
The primary goal of this course is to prepare students to teach English Language Learners (ELLs) in a mainstream classroom setting. The course will examine the English language learner through children’s literature and authentic student voices. Participants will also be provided a wealth of research-based teaching strategies that will promote oral language, reading, and writing development in English for this student group. In addition, there will be an emphasis on content area instruction and ways to differentiate lessons to make the content comprehensible to ensure student success. Class meetings have been carefully developed to take theory into action through a series of hands-on and meaningful activities presented by the instructor. Ownership of the content will then be demonstrated by students through authentic products. (New course Spring 2011.)

VARS-100: Varsity Sports Team Participation/Women’s Soccer
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-129.) No textbook is required for VARS courses unless stated otherwise.

VARS-101: Varsity Sports Team Participation/Men’s Soccer
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-130.) No textbook is required for VARS courses unless stated otherwise.

VARS-102: Varsity Sports Team Participation/Women’s Tennis
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-134.) No textbook is required for VARS courses unless stated otherwise.

VARS-103: Varsity Sports Team Participation/Men’s Tennis
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-154.) No textbook is required for VARS courses unless stated otherwise.

VARS-104: Varsity Sports Team Participation/Women’s Cross Country
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-136.) No textbook is required for VARS courses unless stated otherwise.

VARS-105: Varsity Sports Team Participation/Men’s Cross Country
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-137.) No textbook is required for VARS courses unless stated otherwise.

VARS-106: Varsity Sports Team Participation/Women’s Volleyball
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-132.) No textbook is required for VARS courses unless stated otherwise.

VARS-107: Varsity Sports Team Participation/Women’s Basketball
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-138.) No textbook is required for VARS courses unless stated otherwise.

VARS-108: Varsity Sports Team Participation/Men’s Basketball
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-141.) No textbook is required for VARS courses unless stated otherwise.

VARS-109: Varsity Sports Team Participation/Women’s Lacrosse
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-150.) No textbook is required for VARS courses unless stated otherwise.
required for VARS courses unless stated otherwise.

**VARS-110: Varsity Sports Team Participation/Men's Lacrosse**
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-151.) No textbook is required for VARS courses unless stated otherwise.

**VARS-111: Varsity Sports Team Participation/Women's Softball**
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-148.) No textbook is required for VARS courses unless stated otherwise.

**VARS-112: Varsity Sports Team Participation/Men's Baseball**
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-146.) No textbook is required for VARS courses unless stated otherwise.

**VARS-113: Varsity Sports Team Participation/Women's Golf**
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-152.) No textbook is required for VARS courses unless stated otherwise.

**VARS-114: Varsity Sports Team Participation/Men's Golf**
Credits: 1
Participation on the indicated Sports Team. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one unit of the PE requirement. (Formerly PEU-153.) No textbook is required for VARS courses unless stated otherwise.