CHESTNUT HILL COLLEGE
School of Undergraduate Studies Catalog for the 2012-2013 Academic Year

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, 2012. 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.
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**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;
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.*
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 Sisters of Saint 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.

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 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: 215.248.7065. Email: chcaadm@chc.edu.

School of Graduate Studies
Academic Calendar

All academic calendar information for the School of Undergraduate Studies 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. It is the student’s responsibility to be aware of and adhere to all pertinent dates.

Fall 2012
Late Registration Fee Begins
Fall Convocation
New Student Move-in and Orientation
Residence Halls Open for Returning Students
Last day to DROP all courses with 100% refund
Classes Begin
Last day to DROP all courses with 80% refund
Drop/Add Period on the My CHC Portal Ends
Withdrawal Period Begins (Fee - $40 per course)
Grading Status Change Period Begins (P/F, Audit)
Last day to Withdraw from all courses with 60% refund
Opening Liturgy
Last day to Withdraw from all courses with 40% refund
Residence Halls Close
Fall Break - No Classes held/Offices closed
Residence Halls Re-Open
Classes Resume
Mid-term Grades Due from Instructors
Withdrawal Without Failure Period Ends
Grading Status Change Period Ends
Spring 2013 Registration Begins Online - Seniors and IDHP
Spring 2013 Registration Begins Online - Juniors
Spring 2013 Registration Begins Online - Sophomores
Spring 2013 Registration Begins Online - Freshman
Residence Halls Close
Thanksgiving Holiday - No Classes held
Residence Halls Re-Open
Classes Resume
Online Course Evaluations Begin
Classes End
Online Course Evaluations End
Final Exam Week
Residence Halls Close
Final Grades Due from Instructors
December Degree Conferral

*Instructors will address the missing Monday class time in their syllabi.

Spring 2013
Late Registration Fee Begins
Residence Halls Open
Last day to DROP all courses with 100% refund
Classes Begin
Drop/Add Period on the My CHC Portal Ends
Last day to DROP all courses with 80% refund
Withdrawal Period Begins (Fee - $40 per course)
Grading Status Change Period Begins (P/F, Audit)
Last day to Withdraw from all courses with 60% refund
Last day to Withdraw from all courses with 40% refund
Residence Halls Close
Spring Break - No Classes held
Spring Break/Development Day - Offices closed
Residence Halls Re-Open
Classes Resume
Mid-term Grades Due from Instructors
Summer 2013 Registration Begins - All students
Withdrawal from Courses Without Failure Period Ends
Status Change Period Ends (P/F, Audit)
Fall 2013 Registration Begins Online - Seniors and IDHP
Fall 2013 Registration Begins Online - Juniors
Fall 2013 Registration Begins Online - Sophomores
Fall 2013 Registration Begins Online - Freshman
Residence Halls Close
Easter Holiday - No Classes held/ Offices closed
Residence Halls Re-Open
Classes Resume
FAFSA Due for Returning Students
Online Course Evaluations Begin
Honors Convocation
Follow Thursday Schedule
Follow Friday Schedule
Classes End
Online Course Evaluations End
Final Exam Week
Final Grades Due from Instructors for SENIORS*
Residence Halls Close for All but Grads/Volunteers
Senior Send-Off Formal
Senior Send-Off Activities
Residence Halls Close for Grads/Volunteers
May Degree Conferral
Commencement Ceremony
Staff Holiday - Offices Closed
Final Grades Due from Instructors

*Final grades for graduating Seniors are due no later than 24 hours after final exam is given.

Summer 2013
Session One - Six weeks
Late Registration Fee Begins
Last day to DROP all courses with 100% refund
Classes Begin
Staff Holiday - Offices Closed
Last day to DROP all courses with 80% refund
Drop/Add Period on the My CHC Portal Ends
Withdrawal Period Begins (Fee - $40 per course)
Early-Friday Office Closure begins
Memorial Day Holiday - No Classes held/Offices closed
Last day to Withdraw from all courses with 60% refund
Last day to Withdraw from all courses with 40% refund
Withdrawal from Courses Without Failure Period Ends
Classes End
Final Grades Due from Instructors

May 1
May 2
May 3
May 4
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May 6
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May 29
May 30
May 31

Final Grades Due from Instructors

May 1
May 2
May 3
May 4
May 5
May 6
May 7
May 8
May 9
May 10
May 11
May 12
May 13
May 14
May 15
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May 21
May 22
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May 24
May 25
May 26
May 27
May 28
May 29
May 30
May 31

Summer 2013
Session Two - Six weeks
Late Registration Fee Begins
Last day to DROP all courses with 100% refund
Classes Begin
Last day to DROP all courses with 80% refund
Drop/Add Period on the My CHC Portal Ends
Withdrawal Period Begins (Fee)
July 4th Holiday - No Classes held
July 4th Holiday - Offices closed
Last day to Withdraw from all courses with 60% refund
Last day to Withdraw from all courses with 40% refund
Withdrawal from Courses Without Failure Period Ends
Classes End
Final Grades Due from Instructors

Semester - Twelve weeks
Late Registration Fee Begins
Last day to DROP all courses with 100% refund
Classes Begin
Staff Holiday - Offices Closed
Last day to DROP all courses with 80% refund
Drop/Add Period Ends
Withdrawal Period Begins (Fee)
Early-Friday Office Closure begins
Memorial Day Holiday - No Classes held/Offices closed
Last day to Withdraw from all courses with 60% refund
Last day to Withdraw from all courses with 40% refund
Withdrawal from Courses Without Failure Period Ends
July 4th Holiday - No Classes held
July 4th Holiday - Offices closed
Classes End
Final Grades Due from Instructors
August Degree Conferral

June 1st
June 23rd at 11:59pm
June 24th at 8:00am
June 30th at 11:59pm
July 1st at 11:59pm
July 2nd at 12:00pm
July 4th
July 4th - 5th
July 5th at 5:00pm
July 12th at 5:00pm
July 15th at 5:00pm
August 2nd at 10:00pm
August 9th at 11:59pm

May 1st
May 12th at 11:59pm
May 13th at 8:00am
May 13th
May 19th at 11:59pm
May 19th at 11:59pm
May 21st at 12:00am
May 24th
May 27th
May 24th at 5:00pm
May 31st at 5:00pm
June 2nd at 5:00pm
July 4th
July 4th - 5th
August 2nd at 10:00pm
August 9th at 11:59pm
August 15th
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.

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 record continues to be of high quality throughout the Senior year. The deadline for applying for early decision is December 15th of any year.

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.

First-Time College Freshman Application Process
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 when 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 a foreign language
Chestnut Hill College will accept college-level course work completed prior to matriculation provided the
relevant courses were completed successfully at a regionally accredited college or university and were not
applied to the requirements for high school graduation.

**Advanced Placement Credits**
Credit may also be given for performance on Advanced Placement examinations. The College accepts a
maximum of 15 credits from Advanced Placement tests* 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 approv-
al. A student may receive credit for a Core or Elective course with a score of 3. A score of 4 or 5 may be ap-
plied 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 Core Curriculum.

*Exceptions and Additional Information:
**BIOLOGY:** Students who have attained a score of 3 on the Biology exam will receive 4 credits equivalent to
**BIOL-111: Principles of Biology I,** which fulfills the Scientific Way of Knowing. Students with a score of 4 or 5 will
receive 4 credits equivalent to **BIOL-112: Principles of Biology II,** which also fulfills the Scientific Way of Knowing.
A maximum of 4 credits may be applied based on the qualifying Biology test score.

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

**CHEMISTRY:** For college credit to be awarded, students are required to complete the AP exam and
demonstrate sufficient laboratory skills as evidenced by a laboratory notebook. The laboratory notebook
will be reviewed and approved by the Department of Chemistry before credit is awarded. A grade of 5 on
the AP exam may be considered equivalent to completion of **CHEM-132: Principles of Chemistry II** and the stu-
dent will receive 4 credits. A grade of 4 may be considered equivalent to completion of **CHEM-131: Principles of
Chemistry I** and the student will receive 4 credits. For a grade of 3 the student may be awarded 4 credits that
will fulfill the Scientific Way of Knowing requirement. A maximum of 4 credits may be applied based on the
qualifying Chemistry test score.

**COMPUTER SCIENCE:** Students who receive a score of 3, 4, or 5 on the Advanced Placement Computer
Science A test will receive 4 credits in Computer Science equivalent to **CMSC-210: Programming in Java.**

**ENGLISH:** For a score of 4 or 5 on the English Language and Composition Exam, the student will receive 3
credits equivalent to **ENGL-101: College Writing.** The student may be invited to enroll in **ENGL-105: Advanced
College Writing** based on the results of the English Placement Exam. A score of 4 or 5 on the English Litera-
ture Exam will be accepted as three elective credits in English at the discretion of the department.

**ENVIRONMENTAL SCIENCES:** A score of 3, 4 or 5 on the test will be considered equivalent to comple-
tion of **BIOL-106: Ecology and Environmental Issues.** 4 credits, which fulfill the Scientific Way of Knowing re-
quirement, are applied.

**HISTORY (American/European/World):** 3 credits are given to those students who have attained a score
of 3 or better on the test(s). Each test is equivalent to 3 credits; a total of 9 credits may be awarded. The
credits are counted as electives; they do not replace courses required for graduation in the History major
nor do they fulfill the Historical Way of Knowing.

**FOREIGN LANGUAGES:** A score of 3 in Language or Literature is equivalent to the 103 course in the re-
spective language, worth 3 credits. This satisfies the Core Foreign Language requirement. A score of 4 or 5
in Language is equivalent to any **Language-221: Advanced Grammar and Composition,** which also satisfies the re-
quirement. A score of 4 or 5 in Literature is equivalent to an introductory course in literature, assigned at
the discretion of the Department, and is worth 3 credits. This also satisfies the requirement.
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-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. A maximum of 6 credits may be applied based on the qualifying Mathematics test score. Any of the above fullfills the Problem Solving Way of Knowing requirement.

MUSIC: The College does not accept scores from the Advanced Placement Music Theory examination as an equivalent.

PHYSICS: A grade of 4 or higher in Physics B: Mechanics AP Exam will be considered equivalent to PHYS-121: Principles of Physics I and the student will be awarded 4 credits. A grade of 4 or higher on the Physics B: Electricity and Magnetism AP Exam will be considered equivalent to PHYS-122: Principles of Physics II will be awarded 4 credits. A student with a grade of 3 or higher in Physics B: Mechanics and/or Physics B: Electricity and Magnetism may be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Way of Knowing requirement. For a grade of 3 or higher on the Physics C exam the student may be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Way of Knowing requirement. Evidence of a lab component may consist of a detailed description, signed by the Instructor, of the laboratory exercises performed or a detailed laboratory notebook.

POLITICAL SCIENCE/GOVERNMENT: For a score of 4 or 5 on the American Government exam, the student will be awarded 3 credits equivalent to PSCI 113: American Political Process, which fulfills the Behavioral Way of Knowing. For a score of 4 or 5 on the Comparative Government exam the student will be awarded 3 credits equivalent to PSCI-230: Introduction to Comparative Politics, which also fulfills the Behavioral Way of Knowing. A student who has earned a score of 3 on the American Government exam and/or the Comparative Government exam will be awarded 3 elective credits for each. Electives do not fulfill Ways of Knowing or major requirements.

PSYCHOLOGY: An Advanced Placement test score of 3 or higher will be accepted as 3 credits equivalent to PSYC-101: General Psychology.

International Baccalaureate
Chestnut Hill College may accept credits earned as part of an International Baccalaureate Diploma. Contact the Office of Academic Advising for more information: St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

First Time Freshman Application
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

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 and Junior status.

Students who transfer will have their transcripts evaluated on a course-by-course basis. A Career/Cumulative 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 to be awarded a 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)

Transfer Credit Information

There is no limit to the number of credits Chestnut Hill College will accept in transfer provided the courses meet the criteria outlined below. Regardless of the number of credits transferred to the College, students must earn a minimum of 45 academic credits in residence at Chestnut Hill College in order to be awarded a degree. Students must also meet all applicable Core and Major Requirements as outlined in this catalog, which may require them to complete more than 45 academic credits.

In order for credits to be accepted in transfer, it must meet the following criteria:

- Course completed at a regionally accredited college or university;
- student earned a grade of C (2.00) or better;
- the Office of Admissions has received an official transcript; and
- the course was completed within 10 years prior to Chestnut Hill College admission or readmission. *

All courses to be accepted in transfer will be evaluated by the Office of Academic Advising prior to registration and decisions regarding transfer course evaluations, including Chestnut Hill College equivalencies, are final. Please contact the Office of Academic Advising to report courses that may be eligible and to confirm that a final, official copy of the transcript or score report has been received. No credit will be given for any course or exam unless the final, official transcript or score report is received. All courses accepted in transfer are recorded on the student’s Academic Transcript with a grade of TR-Transfer. Contact the Office of Academic Advising for more information: St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

* An additional review will be conducted for any course taken more than ten years prior to admission or readmission. Some departments require a review even if the courses were taken fewer than ten years prior to admission.

A maximum of 15 credits accepted in transfer may come from Advanced Placement Exams, Challenge Exams and/or the College-Level Examination Program (CLEP.) In order for AP, Challenge or CLEP credit to be accepted in transfer, it must meet the following criteria:

- The grade/score received meets the department’s guidelines; and
- an official score report has been received by the Office of the Registrar (if applicable).

Transfer Articulation Agreements

Chestnut Hill College has curricular and transfer partnerships with several two-year institutions, including but not limited to the Community College of Philadelphia, Delaware County Community College, Manor College, Montgomery County Community College, and Salem Community College. Contact the Office of Admissions for information on transfer partnerships, and for detailed information about dual ad-
missions, Core-to-Core transfer opportunities, and transfer scholarships. Telephone: 800.248.0052 (out-of-state) 215.248.7001 (in Pennsylvania.) Email: chcapply@chc.edu.

**Proficiency and Placement Testing**
All incoming transfer students must take a *Writing Placement Test* administered by the English Department and a *Mathematics Proficiency Test* 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. All prospective Music Performance and Music Education majors complete a *Theory Placement Test* at the time of their auditions; this test determines the theory course(s) required.

**Transfer of Mathematics Courses**
Although all incoming students take a *Mathematics Proficiency Test*, the Mathematics Department has identified certain courses that meet the Proficiency Requirement when accepted in transfer:

- MATH-202: Math for Management II/Applied Calculus
- MATH-203: Analytic Geometry and Calculus I
- MATH-204: Analytic Geometry and Calculus II
- MATH-211: Calculus and Modern Analysis I
- MATH-212: Calculus and Modern Analysis II

Transferred courses that appear equivalent to the following do **not** meet the Proficiency Requirement. Courses deemed equivalent to the following meet only the Problem Solving Way of Knowing:

- MATH-115: Understanding Our Quantitative World (transfers in as an Elective)
- MATH-121: Precalculus I (transfers in as an Elective)
- MATH-122: Precalculus II (transfers in as an Elective)
- MATH-123: Precalculus -A Condensed Approach (transfers in as an Elective)
- MATH-201: Math for Management I/Finite Mathematics (transfers in as a MATH-201 equivalent)

Students transferring one or more of the above courses must successfully complete the Proficiency Test or they will need to complete appropriate Mathematics course (or courses) to achieve Proficiency (see Core Curriculum section). A representative from the Office of Academic Advising will evaluate all transferred courses and, if necessary, assist the student with registration for Mathematics courses at the College.

**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 Application Process**
Chestnut Hill College welcomes applications from students who previously attended Chestnut Hill College and have not attended classes for a full calendar year prior to their application for readmission. Readmission is not guaranteed. Readmit applicants must submit the following to be considered for readmission:

- Completed Chestnut Hill College Readmission Application
- $35 non-refundable application fee
- Official transcript(s) from all colleges attended since leaving Chestnut Hill College

Candidates may reapply at any time, but it is recommended that applications be submitted no later than April 15th for priority consideration. Students who wish to re-enter for the Spring semester should have application materials completed no later than December 15th.
**Academic Amnesty Policy**

Undergraduate students who have been readmitted by the Office of Academic Advising may petition the Dean of the School of Undergraduate Studies for Academic Amnesty if they have been away from Chestnut Hill College for a minimum of four consecutive years. If Academic Amnesty is granted, the Office of the Registrar will update all courses taken prior to readmission to remove their grades from the Career Grade Point Average (CGPA). This resets the CGPA to 0.00; only grades earned following readmission will comprise the CGPA.

The courses updated for Academic Amnesty and their respective grades remain on the academic transcript with a # notation indicating they are not included in the CGPA. The Term GPA is not affected. Readmitted/Academic Amnesty is indicated on the transcript in the readmission semester. Once granted, Academic Amnesty cannot be reversed. Students may be granted Academic Amnesty only once in their Chestnut Hill College undergraduate career.

Students granted Academic Amnesty must complete a minimum of 45 additional credits at the College and must meet all academic requirements and obligations indicated in the catalog from the year of readmission.* Courses over 10 years old, as well as courses no longer offered, will be evaluated by the department for application in the current programs.

* This differs from readmitted students not granted Academic Amnesty who will follow the catalog from their original year of admission. The Office of Academic Advising will assist students with their registration and Degree Audit.

**Taking Courses as a Non-Matriculated Student**

A non-matriculated student is one who is not actively working towards completion of a degree or certificate at the College. Registration as a non-matriculated student neither infers nor guarantees official admissions acceptance to the College when approved to register for a course, or at any time in the future, regardless of the number of credits earned at the College.

Students may be permitted to take courses in the School of Undergraduate Studies on a non-matriculating basis if the course is open for registration and they have met any/all prerequisite requirements, which may require the submission of an official transcript indicating prior coursework and/or the completion of a Proficiency test at the College.

Non-matriculated students are responsible for all course-associated financial obligations to the College including any applicable fees. Non-matriculated students must comply with the information that appears on the academic calendar including deadlines for Adding, Dropping, and Withdrawing.

All student-related policies as described in the Academic Catalog and the Student Handbook are applicable to non-matriculated students. Non-matriculated students will be issued a College photo ID card and an @chc email address and are subject to all relevant ID and email policies.

Non-matriculated students will be issued an appropriate grade for the course according to the grading scale indicated in the course description – Letter grade or Pass/Fail only. Students choosing to audit a course will receive a grade of AU, however, no credit will be awarded for the course. Audited courses are billed at the same rates as courses taken to earn credit.

If the credits earned at the College are to be transferred to another institution, the student is responsible for checking to ensure the course or courses meet that institution’s requirements before requesting to be registered. In addition, the student must request an official transcript be sent to the home institution by completing the Transcript Request Form available online at www.chc.edu/registrar. There is a fee associated with that service.

Interested students should complete the Non-matriculated Student Registration Form available at www.chc.edu/registrar, or in the Office of the Registrar, St. Joseph Hall, Room 365. Students under the age of 18 must have a parent or legal guardian sign the Registration Form. Completed forms may be mailed or faxed to Michael Reig, Associate Registrar. Telephone: 215.248.7117. Fax: 215.242.7714.
Financial Information

Enrollment Deposit
When accepted to the College, students are required to make an enrollment deposit. The enrollment deposit reserves the student’s place for the upcoming year. Enrollment deposits will be refunded if the student notifies the Admissions Office in writing by May 1st that he/she intends to withdraw from the College; 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 must submit a $300 enrollment deposit; part-time students must submit a $35 enrollment deposit. Full-time students planning to reside in Chestnut Hill College’s residence halls are required to send an additional $500 non-refundable room reservation deposit.

Tuition for the Standard Academic Year
A Standard Academic Year spans two semesters, beginning with the first day of Fall semester and ending the last day of the Spring semester, and includes a minimum of 30 weeks of instruction. Therefore, the 2012-2013 Standard Academic Year begins on August 27, 2012 and ends May 8, 2013. The tuition amount is uniform for all students in the School of Undergraduate Studies, regardless of the major or minor pursued.

Full-Time Tuition
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.

- $29,995 annually
- $14,997.50 per semester

A student enrolled in 19 or more academic credit hours during a semester will be assessed an additional charge of $645 for each credit hour over 18. Please note: There are courses designated Non-Academic that count only for full-time status reporting but are not charged tuition. These courses are noted as such and credits earned do not count towards the minimum required for graduation.

Part-Time Tuition
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.

- $645 per credit hour enrolled

Please note: There are courses designated Non-Academic that count only for full-time status reporting. 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
Fees automatically applied to all part- and full-time School of Undergraduate Studies students each semester enrolled at the College:

- Activity Fee: $60 per semester
- Health Services Fee: $25 per semester

Course fees are included in the tuition rate; however, these optional fees are incurred if/when applicable:

- Private Music Lessons (MUSL-courses/0.5 credit each): $465 per semester
- Challenge Exam: $210 per credit

Miscellaneous fees/costs incurred if/when applicable:

- Health Insurance plan: $325 per Standard Academic Year
- Residential Housing: $8,860 to $10,530 per Standard Academic Year
- Returned Check Fee: $35 per occurrence
- Late Payment Fee: 1.5% of balance (charged if semester bill is not paid by the payment due date)
- Late Payment for Deferred Plan Fee: $20 per occurrence
- Late Registration Fee: $60 per occurrence
Enrollment in Monthly Payment Plan Fee: $65 per occurrence
Withdrawal From Course(s) Fee: $40 per occurrence
Orientation (Griffin Day) Fee: $135 (one-time fee)
Residence Hall deposit for incoming students: $500 (one-time fee, non-refundable)
Residence Hall Damage deposit: $250 (refundable if/when criteria are met)

One-time non-refundable fee automatically applied to all part- and full-time School of Undergraduate Studies students who reach Senior Status (earned 84 academic credits):

Graduation Fee: $250

Please Note: The Graduation Fee is mandatory for all students regardless of attendance at Commencement and it does NOT include the cost of cap and gown rental, which is handled by the CHC Bookstore.

Residential Living
The College’s 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 equipped with private bathrooms. The newly renovated Pool House 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 Standard Academic Year (excluding breaks, holidays, etc.). Prices vary by type of room and residence hall location and range from $8,860 to $10,530 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.
Each student’s account will be charged $325 once per Standard Academic Year for the cost of the College health insurance plan provided. If the student is covered under another plan they may waive this charge. Information about the Student Health Plan and the waiver can be found online at www.BollingerInsurance.com/chestnuthill. Contact the Student Accounts Office for more information. Telephone: 215.248.7116. Fax: 215.242.7705. Email: Accounts@chc.edu.

Veteran’s Benefits/School Certifying Official (SCO)
Chestnut Hill College’s Yellow Ribbon Program funds will be awarded to qualifying students. To be considered, students must be accepted and currently enrolled in a degree program at the College as verified in the submitted Certificate of Eligibility provided by the College’s SCO, Marie Scheetz, Assistant to the Registrar, Fournier Hall, Room 15, Telephone: 215.248.7064. Fax: 215.242.7707. Email: ScheetzM@chc.edu

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 and these exact dates are indicated on the Academic Calendar:

~ 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 6:00pm  
Tuesday - 9:00am to 6:00pm
Wednesday - 9:00am to 6:00pm
Thursday - 9:00am to 6:00pm
Friday - 9:00am to 4:00pm

Summer Hours:
Monday - 9:00am to 6:00pm
Tuesday - 9:00am to 6:00pm
Wednesday - 9:00am to 6:00pm
Thursday - 9:00am to 6:00pm
Friday - 9:00am to 1:00pm

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 2  
Summer: April 15

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 may 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) through Nelnet Business Solutions. There is a $65 enrollment fee for the MPP. Students may use the MPP to pay their combined Fall and Spring balances in either twelve, eleven, ten or nine monthly installments starting with a due date of May 20th for the twelve month plan. The other plans due dates are on the 20th of the succeeding months, and all plans end with final payment due on April 20th.

Students should contact the Office of Student Accounts at 215.248.7116 or accounts@chc.edu for more information regarding the MPP, or log on to the My CHC Portal at my.chc.edu, click on the Student tab and then the School of Undergraduate Studies. From there students can view the Monthly Payment Plan Portal, which includes a link to the Nelnet Monthly Payment Plan site.

**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 Office of Student Accounts. 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 the 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 the 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 Student Accounts Office immediately if they have not met their financial obligation as agreed upon at the beginning of the semester.

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 Office of Student Accounts. Students should contact the Office of Student Accounts at 215.248.7116 or accounts@chc.edu for more information.

**Financial Aid**

*St. Joseph Hall, 1st floor, End of the Music Corridor*  
Telephone: 215.248.7182, Fax: 215.242.7217, Email: finaid@chc.edu

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. The College offers abundant financial aid and scholarship opportunities, as well as federal student loans and other payment options, to help our students reach their educational
goals. The College prides itself on striving to be affordable for all academically qualified students who wish to attend. The Office of Financial Aid 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 Office of Financial Aid can help design a financial strategy that will make a degree from Chestnut Hill College affordable. The Office of Financial Aid 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 Office of Financial Aid is ready to assist with the financial aid process and is open to students during the following hours:

<table>
<thead>
<tr>
<th>Regular Hours</th>
<th>Summer Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday - 9:00am to 6:00pm</td>
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<td>Tuesday - 9:00am to 6:00pm</td>
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<td>Wednesday - 9:00am to 6:00pm</td>
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<td>Thursday - 9:00am to 6:00pm</td>
<td>Thursday - 9:00am to 6:00pm</td>
</tr>
<tr>
<td>Friday - 9:00am to 4:00pm</td>
<td>Friday - 9:00am to 1:00pm</td>
</tr>
</tbody>
</table>

**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 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 Office of Financial Aid 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 Office of Financial Aid 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 Office of Financial Aid 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.

**Applying for Aid/Federal School Code**

Applying for financial aid is easy at Chestnut Hill College: all students complete the online Free Application for Federal Student Aid (FAFSA). A completed FAFSA is due each academic year by April 15. The FAFSA is available online at www.fafsa.ed.gov. Be sure to include Chestnut Hill College’s Federal School Code (003245) on the application.
**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, includes Pell Grants, Supplemental Educational Opportunity Grants (SEOG), Federal Work-Study, Perkins Loans, Federal Direct Loans and Federal PLUS Loans. Students must complete the 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 Office of Financial Aid.

**Standard Academic Year**

A Standard Academic Year for Financial Aid spans two semesters, beginning with the first day of Fall semester and ending the last day of the Spring semester, and includes a minimum of 30 weeks of instruction. Therefore, the 2012-2013 Standard Academic Year begins on August 27, 2012 and ends May 8, 2013.

Summer sessions immediately following a Spring semester may be included in the Standard Academic Year if necessary; consult with the Office of Financial Aid for more information. A full-time student in the School of Undergraduate Studies is expected to complete at least 24 academic credits during the Standard Academic Year.

**Verification**

Occasionally the Department of Education selects students who must document data elements on their FAFSAs, usually income and family size. Students selected for verification will be notified by the Office of Financial Aid that they have 45 days from the date of notification to submit appropriate documentation to the Office or they risk losing all Federal Financial Aid.
When notified, students must complete the Chestnut Hill College Verification Worksheet available online at www.chc.edu/undergraduate/financial_aid. Click on the “Verification Forms” link and choose either the Verification Worksheet for Dependent Students or the Verification Worksheet for Independent Students, as appropriate.

If the student cannot use the IRS Data Retrieval Tool as detailed on the Worksheet, www.IRS.gov provides an “Order a Return or Account Transcript” link, or, if preferred, students may call 1-800-908-9946. When ordering be sure to request the “IRS Tax Return Transcript” and not the “IRS Tax Account Transcript.”

No awarded Federal Financial Aid funds can be credited to the account until the verification process is complete. Should verification result in a change of awarded financial aid, the student will be notified via a revised award letter.

Adjustments to Financial Aid
All financial aid awards are subject to change. A change may be due to, among other reasons, a change of the student’s enrollment status including withdrawal or dismissal from the College; housing status; educational cost; or inclusion of additional financial aid from any source. Students are obligated to notify the Office of Financial Aid of any educational funding that is not listed on their award notice. The inclusion of such aid could cause a current financial aid award to be revised.

Statute of Limitations/Payment Period
The Office of Financial Aid cannot guarantee the receipt of any financial aid from a FAFSA that is submitted within the last month of a payment period. A payment period is defined as the period of time during the school year when a student can receive a disbursement of financial aid funds—typically this is a semester.

Maintaining Federal Financial Aid Eligibility
In order to maintain eligibility for Federal Financial Aid (Title IV funds) a student must make Satisfactory Academic Progress towards a degree. Satisfactory Academic Progress for Federal Financial Aid is determined using both qualitative and quantitative measures.

Beginning Fall 2012, all students will be reviewed for Satisfactory Academic Progress for Financial Aid at the end of each semester (payment period). Those who have achieved the minimum Career GPA required (see below); have earned a minimum of 67% of attempted credits (see below); and who have not exceeded the Duration of Eligibility (as defined below) are considered to have maintained Satisfactory Academic Progress for Financial Aid and are eligible for financial aid for upcoming enrollment.

Duration of Eligibility
In addition to meeting the criteria for Satisfactory Academic Progress for Federal Financial Aid, such aid may be terminated if:

~ a student takes longer than 150% of the established time to complete their degree requirements, or
~ attempts (but does not complete) more than 180 credits to meet their degree requirements.

Therefore, students in the School of Undergraduate Studies at Chestnuts Hill College may not be eligible for financial aid if they:

~ take more than six academic years to meet their degree requirements, or
~ attempt (but do not complete) more than 180 credits to meet their degree requirements.

Satisfactory Academic Progress Career Grade Point Average
All students in the School of Undergraduate Studies must achieve the following Career Grade Point Average (CGPA) to make Satisfactory Academic Progress for Federal Financial Aid:

<table>
<thead>
<tr>
<th>Career Academic Credits Earned</th>
<th>Minimum CGPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 24</td>
<td>1.65</td>
</tr>
<tr>
<td>25 to 59</td>
<td>1.85</td>
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<tr>
<td>60 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>
Sample Scenarios
A typical full-time student in the School of Undergraduate Studies completes a minimum of 15 academic credits per semester:

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Career Academic Credits Earned</th>
<th>Minimum CGPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>1</td>
<td>15</td>
<td>1.65</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>1.85</td>
</tr>
<tr>
<td>Second</td>
<td>3</td>
<td>45</td>
<td>1.85</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>60</td>
<td>2.00</td>
</tr>
<tr>
<td>Third</td>
<td>5</td>
<td>75</td>
<td>2.00</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>90</td>
<td>2.00</td>
</tr>
<tr>
<td>Fourth</td>
<td>7</td>
<td>105</td>
<td>2.00</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>120</td>
<td>2.00</td>
</tr>
</tbody>
</table>

A full-time student in the School of Undergraduate Studies earning a minimum 10 academic credits per semester to maintain Satisfactory Academic Progress for Financial Aid and graduate within the 6-year period:

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Career Academic Credits Earned</th>
<th>Minimum CGPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>1</td>
<td>10</td>
<td>1.65</td>
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<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>1.65</td>
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<tr>
<td>Second</td>
<td>3</td>
<td>30</td>
<td>1.85</td>
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<td>40</td>
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<td>Third</td>
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<td>6</td>
<td>60</td>
<td>2.00</td>
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<tr>
<td>Fourth</td>
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<td>2.00</td>
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<td>8</td>
<td>80</td>
<td>2.00</td>
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<tr>
<td>Fifth</td>
<td>9</td>
<td>90</td>
<td>2.00</td>
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<td>10</td>
<td>100</td>
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<tr>
<td>Sixth</td>
<td>11</td>
<td>110</td>
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<td>12</td>
<td>120</td>
<td>2.00</td>
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Earned Credits Minimum
A full-time student in the School of Undergraduate Studies must earn 67% of all credits attempted by the end of each semester (payment period). Earned Credits are those credits applicable towards a degree and include transferred credits, Advanced Placement, CLEP, Challenge Exam and Portfolio credits plus all courses in which grades of Pass (P) or D or better have been received.

Students may calculate the percentage required for Academic Progress using this formula: Cumulative Earned Credits /Cumulative Attempted Credits = Earned Percentage.

Courses with a grade of F, WF or Grade + N are calculated in the Term and Career GPAs as well as Attempted Credits, but any credits passed are not calculated in Earned Credits. Courses with a grade of P, I, PI, W, AU, or NR, and are not calculated in either the Term and Career GPAs, nor are any credits passed calculated in Earned Credits. The credits are, however, calculated in the Attempted Credits total.

Courses with a grade of Grade + # are not calculated in either the Term and Career GPAs, however, credits are calculated in the Attempted Credits total and, if the course was completed successfully, the Earned Credits total.

Sample Scenarios
A full-time student in the School of Undergraduate Studies attempting 15 academic credits per semester and earning the minimum 67% may graduate by the end of the Sixth Year and before meeting the maximum amount of allowed Attempted Credits:
A full-time student in the School of Undergraduate Studies attempting the minimum credits required to be full-time (12 academic credits per semester) and earning the minimum 67% will lose eligibility at the end of the Sixth Year but will need additional credits to meet the minimum 120 required for graduation:

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Career Academic Credits Attempted</th>
<th>67% Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>1</td>
<td>15</td>
<td>10</td>
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<td></td>
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<tr>
<td>Sixth</td>
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<td>165</td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>180</td>
<td>121</td>
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</table>

Repeated Courses
Courses that are repeated to improve a grade are counted in Attempted Hours but only one passing grade is counted towards the Career Earned Credits. Enrollment status for any semester (e.g., full-time, half-time) as it relates to Financial Aid eligibility may be impacted as a result of repeating courses. Please check with the Office of Financial Aid before repeating a course for which you have already received a passing grade and only wish to improve the grade.

Transferred Courses
Transfer credits accepted by the College are considered as Attempted and Earned credits for purpose of measuring Satisfactory Academic Progress for Financial Aid.

Failure to Maintain Satisfactory Academic Progress
Beginning Fall 2012, if, after the semester review, a student does not meet the Satisfactory Academic Progress measures detailed above, the student may be placed on Financial Aid Warning for the following semester. A student on Financial Aid Warning is eligible for and will receive financial aid. Financial Aid Warning may not be granted in consecutive semesters. A student may be placed on Financial Aid Warning status two separate, nonconsecutive times while completing a degree.
A student on Financial Aid Warning will have one semester to meet the Satisfactory Academic Progress measures detailed above. If the student succeeds in bringing his/her standing to the appropriate level, he/she will continue to be eligible for Federal Financial Aid; however, if the student fails to meet the Satisfactory Academic Progress measures at the end of the one-semester Warning Period, he/she will be placed on Financial Aid Probation and may no longer be eligible for Federal Financial Aid.

A student on Financial Aid Probation will have one semester to meet the Satisfactory Academic Progress measures detailed above. If the student succeeds in bringing his/her standing to the appropriate level, he/she will regain eligibility for Federal Financial Aid; however, if the student fails to meet the Satisfactory Academic Progress measures at the end of the one-semester Probation Period, the student may no longer be eligible for Federal Financial Aid.

If a student regains financial aid eligibility and then, in a subsequent semester, falls below the Satisfactory Academic Progress measures, a second Financial Aid Warning status of one semester will be applied. The student will have one full semester to meet the Satisfactory Academic Progress measures detailed above. If the student succeeds in bringing his/her standing to the appropriate level, he/she will regain eligibility for Federal Financial Aid; however, if the student fails to meet the Satisfactory Academic Progress measures at the end of the one-semester Warning Period, the student will be placed on a second Financial Aid Probation and may no longer be eligible for Federal Financial Aid.

If a student falls below Standard Academic Progress measures for a third time or more, the student may be denied Federal Financial Aid for any future enrollment period until Satisfactory Academic Progress has been made. A student may be placed on Financial Aid Warning status two separate, nonconsecutive times while completing a degree. After grades are posted each semester, notification will be sent to students who have been placed on Financial Aid Warning, Financial Aid Probation, and those who are not making Satisfactory Academic Progress for Financial Aid.

**Probation Period Financial Aid Exceptions**

A student who fails to meet Satisfactory Academic Progress after a Warning Period semester and has been placed on Financial Aid Probation may appeal to have Federal Financial Aid continued for the Probation Period semester. If an exception is granted by the Office of Financial Aid and the Dean of the School of Undergraduate Studies, the student will be permitted to receive Federal Financial Aid during the Probation Period semester. If the student succeeds in meeting the Standard Academic Progress measures, he/she will continue to be eligible for Federal Financial Aid for future enrollment; however, if the student fails to meet Standard Academic Progress measures at the end of the Probation Period, he/she will no longer be eligible for Federal Financial Aid.

Only appeals based on extreme and extenuating circumstances such as death of an immediate family member, injury or illness which prevented the student from meeting Satisfactory Academic Progress or other extraordinary extenuating circumstances will be reviewed. Appropriate documentation such as a note from a physician or hospital, a death certificate, or other outside source may be required.

Financial Aid Probation Appeal checklists are available in the Office of Financial Aid. An appeal must include an explanation of why the student failed to make Satisfactory Academic Progress; an explanation of what has changed that will allow the student to make Satisfactory Academic Progress by the next evaluation; and a credible academic plan approved by the Office of Academic Advising that clearly shows the student can successfully complete degree requirements and meet Satisfactory Academic Progress within the allotted amount of time. Return completed Checklists and all supporting documentation to the Office of Financial Aid for review.

**Financial Aid Refund Policy**

**Title IV**

The Federal Title IV financial aid programs must be recalculated if the student withdraws from the College. This may be done by:
formally withdrawing from the College;
- dropping out by simply not registering for the next semester (Note: this is not advisable);
- registering for less than the required number of credits per term to qualify for Federal Financial Aid;
- being dismissed from the College for any reason; or
- withdrawing from courses/taking a Leave of Absence prior to completing at least 60% of a semester (term.)

Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV Funds formula: The percentage of the payment period is the number of days completed up to the student’s withdrawal date. This percentage is divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) The resulting percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula: Aid to be returned (which is 100% of the aid that could be disbursed minus the percentage of aid actually earned) is multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less than was disbursed, the College is required to return a portion of the funds and the student would be required to return a portion of the funds. When Title IV funds are returned, the student borrower may owe a debit balance to the College. If a student earned more aid than was disbursed, the College would owe the student a post-withdrawal disbursement, which must be paid within 120 days of the withdrawal date. Refunds are allocated in the following order:

- Unsubsidized Direct Stafford Loans
- Subsidized Direct Stafford Loans.
- Federal Perkins Loans.
- Graduate PLUS Loan/Direct Parent PLUS Loan
- Federal Pell Grants
- Federal SEOG Grants
- Federal TEACH Grants
- Iraq and Afghanistan Service Grants

Chestnut Hill College Funds
Chestnut Hill College funds, both merit awards and need-based grants, are retained at the same percentage rate that tuition is retained. For example: if a student withdraws and owes 40% of the semester’s tuition, 40% of the Chestnut Hill funding will be retained to help pay the student’s remaining tuition bill.

PHEAA State Grant
PHEAA State Grants are retained at the same percentage rate that tuition is retained, similar to Chestnut Hill funds.

Refunds for Modular Classes
For Financial Aid purposes, modular classes are courses that do not run the full length of the payment period (semester). If a student withdraws from a modular class and attends no other class in the payment period, he/she is withdrawn and the Federal Recalculation of Title IV Funds is required. If a student withdraws from a modular class but returns to attend a subsequent class offered within the same payment period (semester), he/she is not considered withdrawn and no Federal Recalculation of Title IV Funds is required.
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 Dean of Student Life, and consists of a Director, Assistant Director and over 40 full-time Security Officers. The Director of Safety and Campus Security also assists in managing 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 assist 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 regularly 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 institution meets the Commonwealth of Pennsylvania Act 73, the College and University Security Information Act and the Federal Crime Awareness and Campus Security Act of 1990.

Identification Cards

Photo ID cards are available through Campus Security at the Security Operations Center, Lower Level of Fontbonne Hall. In an effort to provide adequate security, students must carry their ID cards 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. ID cards are also required for entry/exit documentation via the Access Control Systems installed in every residence hall. There is a fee to replace lost or damaged ID cards.

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 childcare 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.

Student Life and Resources

Chestnut Hill College has the unique advantage of being an urban school in a suburban setting, and the College and the city share a vibrant and varied cultural and social life. The campus comprises 75 acres of trees, groves, and buildings. The Chestnut Hill shopping area is less than a 10-minute walk from campus.
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 train.

**Athletic Programs**

Lower Level, Fournier Hall  
Telephone: 215.248.7060. Fax: 215.248.7047. Email: griffinathletics@chc.edu

Chestnut Hill College’s athletic programs are an ideal complement to the students’ academic experience. The College offers opportunities to achieve athletic and personal goals through intercollegiate athletics, recreation and intramural sports. Whether through recreational programs or competing on one of the Griffins’ intercollegiate teams, students of all interest and ability levels discover the benefits of an active lifestyle in developing a well rounded experience.

The College offers fourteen intercollegiate varsity sports programs for men and women, and is a NCAA Division II institution competing in the Central Atlantic Collegiate Conference (CACC) and the East Coast Conference.

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<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tr>
<td>Men’s Cross-country</td>
<td>Baseball</td>
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<td>Women’s Cross-country</td>
<td>Mixed Golf</td>
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<td>Men’s Soccer</td>
<td>Men’s Lacrosse</td>
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<td>Women’s Soccer</td>
<td>Women’s Lacrosse</td>
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<td>Women’s Tennis</td>
<td>Softball</td>
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<td>Volleyball</td>
<td>Men’s Tennis</td>
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<tr>
<td>Men’s Basketball</td>
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<td>Women’s Basketball</td>
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**Campus Ministry**

St. Joseph Hall, 3rd Floor, Room 348  
Telephone: 215.248.7095. Fax: 215.242.7155. Email: weldingm@chc.edu

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 promoted 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, offerings and retreats.

**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

Robert Mulligan, OSFS, Chaplain and Instructor in Education  
Telephone: 215.248.7038. Email: mulliganr1@chc.edu

**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.

**Ministry Team/Service Team:** Opportunity for leadership within Campus Ministry includes retreat, service and event planning. Teams will gather at appointed times to create community, share a meal, process the service, event or retreat and its meaning in the greater Mission of the College and the Gospel Message.

**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.

**Official CHC Email**
Every currently enrolled 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/Emergency 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 4:00pm). 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@fhec.follett.com
Whether by providing campus course materials (including new and used books, book rental and digital books), supplies, general books, Chestnut Hill College clothing and gifts or every day essentials, the College Bookstore serves the needs of students, faculty, staff, alumni, and Griffin fans. For store hours and information, or to shop online for course materials and 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
The Academic Computer Center is open to Chestnut Hill College students only. Once enrolled, students are given a personal account on the College network, giving them a CHC 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.

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 Academic Computer Center also manages four Teaching Labs: three for Microsoft Windows-based PCs, and one for Macintosh. The Teaching Labs are available for classroom instruction ranging from computer software application basics to sophisticated programming languages. The Teaching 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.

**Hours**
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 Computer Center.

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
**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 and Redmond Room:** These classic Edwardian rooms feature original chandeliers in the center of the room, marble fireplaces, aged oak moldings, and finished hardwood floors. Either room is the perfect setting for a two-hour meeting, an all-day workshop, or a special event. Combined with the Rotunda, the parlors can accommodate a seated reception for more than 200 guests.

**Counseling Center**
St. Joseph Hall, 3rd Floor, Room 56.
Telephone: 215.242.7104. Email: kennedys@chc.edu

The Counseling Center offers free, short-term individual therapy to students in the Schools of Undergraduate, Graduate and Continuing Studies during the fall and spring semesters. 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 the School of Undergraduate Studies 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.

To schedule an appointment, please call 215.248.7104. In the event of a mental health emergency, call 911 or go to the nearest emergency room, or call the National Suicide Prevention Hotline at 1.800.273.TALK.

**Academic Learning Services**
Leslie E. Wilson, M.Ed., Director of Learning Services
St. Joseph Hall, 2nd Floor
Telephone: 215.248.7013. Fax: 215.248.7019. Email: wilsonL4@chc.edu

Student Learning Services is made up of the Disabilities Resource Center, Foreign Language Center, Student Learning Services Center, Math Center and Writing Center. Contact Leslie Wilson, Director of Student Learning Services with any questions or concerns about services offered. Phone: 215.248.7013. Email: wilsonL4@chc.edu.

**Academic Learning Service 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.

**Disabilities Resource Center**
Kristen Tracy, M.A., M.Ed., CRC, Director of Disabilities Resource Center
St. Joseph Hall, 3rd Floor, Room 331
Telephone: 215.753.3653. Fax: 215.242.7748. Email: tracyk@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 accommo-
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 or the Americans with Disabilities Act.

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 the Director of the Disabilities Resource Center with any questions or concerns.

**Foreign Language Resource Center**
Located on the 2nd Floor of Fournier Hall, the Foreign Language Resource Center 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**
Located in Room 335 on the 3rd Floor of St. Joseph Hall, the Math Resource Center 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**
Located in Room 333 on the 3rd Floor of St. Joseph Hall, the Writing Resource Center 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 Resource Center, for more information or to make an appointment. Telephone: 215.248.7114. Email: ryanm01@chc.edu.

**Student Learning Services Center**
Located on the 2nd Floor of St. Joseph Hall the Student Learning Services Center 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 Learning Services for more information or to make an appointment. 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, providing food for our students, faculty and staff is only part of the equation; it’s important to make sure that everyone eats well, too. A variety of meal plans are offered, 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 choices, locations, healthy options and catering services available at the College 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 ala carte café, The Griffin's Den, is located on the Lower Level of Fournier Hall. Hours and prices are listed.
at both locations. The McCaffery Lounge features the Social Café, which is located on the first floor of Fournier Hall and offers upscale coffees, smoothies, cold beverages, salads and sandwiches. Hours and prices are posted. 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. All students must have completed health forms on file at the Office. The Health Services Office, staffed by registered nurses, is open Monday to Friday; no appointment is needed. 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
- TB testing for Education majors
- Weekly Physician visits available (by appointment)

**Swimming Pool**
*Lower Level, Fournier Hall*
Emergencies: 7777 (on-campus) or 215.242.7777 (off-campus)
Telephone: 215.248.7040

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 Services**
*Trachanda L. Brown, Director of International Student Services*
Fournier Hall, Room 12
Telephone: 215.242.7989. Fax: 215.248.7082. Email: BrownT2@chc.edu

Chestnut Hill College is authorized under federal law to enroll nonimmigrant students. The Office of International Student Services advises international students and provides information on American academic procedures as well as on U.S. immigration and visa requirements. International students maintaining F-1 visa status are required by law to be enrolled full-time throughout the duration of their programs of study. Exceptions to the full-time requirement are rare and must be authorized by the Office of International Student Services prior to the change in enrollment status.

**Career Development Office**
*St. Joseph Hall, 3rd Floor, Room 350*
Telephone: 215.248.7109. Fax: 215.242.7991. Email: vdachill@chc.edu

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 alumni. Career Development also coordinates the College’s Experiential Education program. Workshops are offered on resume writing, interviewing and job-search skills. The Office is open weekdays from 8:30am until 4:30pm; other hours are available by appointment.
Staff
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
Ryan Mooney, M.A., Assistant Director of Career Development. Telephone: 215-248-7109. Email: mooneyr@chc.edu
Shane McCarthy, B.A., Service-Learning Assistant. Telephone: 215-753-3695. Email: mccarthysa@chc.edu

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.

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 (CARE-101) began as an innovative mentor program linking students with successful alumni to learn more about potential professions and careers. It is a Non-Academic credit required for graduation. The program has expanded to include other career-related opportunities such as internships, part-time positions, and other relevant experiences.

To complete this requirement, students can also register for the Career Success Seminar. This course is offered once a semester for six weeks. Each course period is 60 minutes in length and is instructed by Career Development staff. The course addresses interviewing, résumé building, and other career topics. Please see Career Development staff to discuss how the experience might fulfill this graduation requirement.

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.

Student Activities Office
St. Joseph Hall, 3rd floor, Room 349
Telephone: 215.753.3648. Email: schademane@chc.edu

Staff and Hours
Emily Schademan, Director of Student Activities. Telephone: 215.248.7083. Email: schademane@chc.edu
Megan Cranney, Assistant Director of Student Activities. Telephone: 215.753.3648. Email: cranneym@chc.edu

The office is open Monday through Friday 8:30am to 4:30pm and 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)  GSA
Aurelian (yearbook)  History Club
CEC (Council for Exceptional Children)  Japanese Culture Club
CHAT (Chestnut Hill Activities Team)  La Voz Latina
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

Library and Services
Logue Library, Main Campus on the Circle
Telephone: 215.248.7050, Fax: 215.248.7056. Email: Librarians@chc.edu www.chc.edu/library

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, 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 and 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 130,000 volumes on three floors of open stacks. In addition to the circulating materials, there are 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 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.

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 Brimmer 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.

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.

Staff
Mary Jo Larkin, SSJ, Library Director. Telephone: 215.248.7055. Email: mjlarkin@chc.edu
Marian Ehnow, Circulation. Telephone: 215.248.7052. Email: mehnow@chc.edu
Diane Arnold, Electronic Resources. Telephone: 215.248.7050. Email: arnoldd@chc.edu
Michael Immaculate Keane, SSJ, Periodicals Assistant. Telephone: 215.242.7885. Email: keanemi@chc.edu
Meg Mitchell, Print Collection. Telephone: 215.248.7073. Email: mitchellm@chc.edu
Gail Cathey, Cataloging. Telephone: 215.248.7053. Email: gcathey@chc.edu
Carol Consorto, Interlibrary Loan. Telephone: 215.248.7053. Email: cconsorto@chc.edu
Deborah Green, Admin Assistant to the Director. Telephone: 215.248.7050. Email: greend@chc.edu

Lost and Found
Items that are found on campus should be turned in to the Security Desk at 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 updates 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 in a variety of ways. Learn more about the Parent and Family Association at www.chc.edu/parents.

Office of the Registrar
St. Joseph Hall, 3rd Floor, Room 360
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 through the Family Educational Rights and Privacy Act of 1974 (FERPA); accrediting agencies; the Chestnut Hill College Board of Directors; and the College’s administration and faculty members. The Office of the Registrar is responsible for upholding and applying the Academic Missions of all divisions as they relate to academic data, and is also the central repository for that data.

Office Hours
Regular Hours:  
Monday - 8:30am to 5:00pm
Tuesday - 8:30am to 6:00pm
Wednesday - 8:30am to 6:00pm
Thursday - 8:30am to 5:00pm
Friday - 8:30am 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 1:00pm

Staff
Deborah A. Ebbert, Registrar. Telephone: 215.248.7069. Email: ebbertd@chc.edu
Theresa M. Coulter-Thurley, Assistant Registrar. Telephone: 215.248.7005. Email: marshallt1@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.
Marie Scheetz, Assistant to the Registrar (Continuing and Professional Studies).Telephone: 215.248.7064. Email: scheetzm@chc.edu

Grade Reports
Reports for either Mid-term or Final grades are available to current students without Holds on the My CHC Portal - https://my.chc.edu. No unsolicited grade reports are mailed. Requests for mailed grades must be made in writing within 2 calendar 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 must 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.

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. Requests for letters may be made online at www.chc.edu/registrar.

**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 revised 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, the Ways of Knowing, and Proficiencies. Students also take a variety of Non-Academic credits as part of the core requirements at the College. In addition, students fulfill all of the requirements specified in a major program of study as outlined in this catalog.

The Core Curriculum as it appears here applies to students who matriculate in August of 2012 and to all future classes unless noted in the Catalog for the matriculation year. This includes first-year students and transfer students who do not have Core-to-Core status.

Fundamental Requirements

All students* must complete courses in these Fundamental Requirement areas: Core Seminars, Writing, Religious Studies, Public Speaking, Ethics, and Foreign Language.

* Students participating in the Interdisciplinary Honors Program (IDHP) fulfill some of these requirements in their seminars. Faculty Advisors will assist students in this area.

Core Seminars:

These seminars are interdisciplinary and provide opportunities for experiential learning.

FILA-120: Foundations in the Liberal Arts
The first writing course all freshman take in the first semester. It also serves as an introduction to the various disciplines within the Liberal Arts tradition as well as an opportunity to strengthen college-level learning skills. Students will engage the history and disciplinary frameworks for important questions about the world and the fields of study that course readings address and will read and analyze important texts, participate in discussions, listen to and engage each other in discussions about ideas that have shaped our world as a preparation for the rest of their academic experiences. Assignments will emphasize the development of critical thinking, reading, and writing skills. Takes advantage of the College’s location in Philadelphia by using its museums and other sites in the area as part of the overall course experience including a theatrical production during the semester. Other site visits are encouraged. FILA-120 is not required for IDHP students. For additional information, please contact Dr. Kathleen Szpila, SSJ, Coordinator of the FILA Program. Telephone: 215.753.3629. Email: szpilak@chc.edu.

GLST-201: Global Awareness Seminar
This 3-credit course taken after the first year explores the phenomenon of globalization, 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. Also includes a United Nations component and a service learning project. GLST-201 is not required for IDHP students. For additional information, please contact Dr. Jacqueline Reich, Coordinator, Political Science and Global Studies. Telephone 215.753.3630. Email: reichj@chc.edu.

Writing:

Students take a minimum of four courses that focus on developing vital writing and communication skills:

FILA-120: Foundations in the Liberal Arts (See above)

ENGL-101: College Writing or ENGL-105: Advanced College Writing or, if participating in the Interdisciplinary Honors Program, IDHP-210: Writing in the Disciplines I and IDHP-220: Writing in the Disciplines II. These courses are designed to introduce students to college-level writing and research. Students must earn a C- or higher in the course to fulfill this requirement. FILA-120 is the Pre-Requisite for ENGL-101 and ENGL-105.
Students must take one course designated as Writing Intensive (WI). This course may also fulfill a Way of Knowing and/or be a course required for a major or minor. A C- or higher in ENGL-101, ENGL-105, or IDHP-220 is the standard Pre-Requisite for all Writing Intensive courses; however, certain WI courses may have additional Pre-Requisites; check the Course Description for information. A listing of WI courses can be found in the FAQ section of the Catalog. Students participating in IDHP fulfill this requirement by successfully completing an IDHP seminar.

All students complete a Senior Seminar in the major (number -498). The Senior Seminar is the capstone experience for the major, and it is usually taken in either the Fall or Spring of the student’s Senior year. Students register for this course upon approval of the Faculty Advisor. A Writing Intensive course is the standard Pre-Requisite for Senior Seminar; however, departments may have additional requirements. See the Course Description section for specific Pre-Requisites.

Religious Studies:
All students* 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.

* Students who wish to apply an IDHP seminar that contains a Religious Studies component towards their Religious Studies requirement will need to take another course in the Ways of Knowing. The IDHP and Faculty Advisor will assist students with choosing the right courses to meet the requirements.

Public Speaking:
All students* take at least 1 credit in public speaking, usually PSPK-101: Fundamentals of Public Speaking. Additional options may be available; check with a Faculty Advisor for registration assistance.

* Not required for IDHP students. Education majors/minors complete the Public Speaking requirement by earning a grade of C or better in EDSP-312 or EDP-210, and EDSP-340.

Ethics:
All students take a course in ethics (3 credits) usually ETHS-201: Ethics. Additional options to ETHS-201: Ethics may be available; check with a Faculty Advisor for registration assistance.

Foreign Language:
All students are required to take one foreign language course at the 103-level or above according to their placement by the Foreign Language Department.

Ways of Knowing (WOKs)
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 Way of Knowing category by virtue of the courses completed for the Major. A student may use no more than two courses with the same course prefix to fulfill additional Ways of Knowing. Students must complete at least one course in each of the following areas and one additional course in any one area of their choice, for a total of seven courses*:

Artistic (designated by an A in the Course Listing): Courses in this category 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 provide students with an understanding of the psychological, sociological, economic, political, and cultural dimensions of human behavior.

Historical (H): Courses in this category 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 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 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. Labs are graded as part of the lecture.

* IDHP students fulfill all but the Scientific Way of Knowing by virtue of completing the IDHP program. Students who take an IDHP seminar that contains a science component will need to complete a 1.0 credit lab experience in addition to the IDHP seminar. Students who do not take an IDHP seminar with a science component will need to take a course designated as meeting the Scientific Way of Knowing (S). The IDHP and Faculty Advisor will assist students with choosing the right courses to meet the requirements.

Proficiencies

Students are required to demonstrate established proficiency levels either by exam or coursework in Excel, PowerPoint, and Mathematics, in addition to successfully passing a survival skill 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 Proficiencies:

All students must demonstrate proficiency in the following areas:

- Microsoft Excel - Introductory level (CMTC-103: Introduction to Microsoft Excel)
- Microsoft PowerPoint - Intermediate level (CMTC-185: Intermediate PowerPoint)

If students have sufficient background in either of these areas, they should take a Proficiency Test administered by the Computer Science and Information Technology Department. If the results are not successful, they register for the 1-credit course indicated above. Courses taken to fulfill a Computer Proficiency must be passed with a grade of C or better to satisfy the requirement. Dates and times for taking the Proficiency Tests are sent via CHC email several times a semester.

Mathematics Proficiency:

All students take a Mathematics Proficiency Test as part of the Orientation process. Detailed results of the test are available in Blackboard; a composite score is available on the My CHC Portal. The composite score is used to place students into the appropriate Math course:

<table>
<thead>
<tr>
<th>Portal Score</th>
<th>Proficiency Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite: 1</td>
<td>Level 1 - Proficient</td>
<td>May take any upper-level Math course for which s/he has the appropriate Pre-Requisite; may not take MATH-121 or MATH-122 for credit.</td>
</tr>
<tr>
<td>Composite: 2</td>
<td>Level 2 - Proficient</td>
<td>May take any upper-level Math course for which s/he has the appropriate Pre-Requisite.</td>
</tr>
<tr>
<td>Composite: 3</td>
<td>Level 3 - Not Proficient</td>
<td>Must earn a grade of C or better in either MATH-121 or MATH-115, depending on the major, or may retake the Proficiency Test and pass both parts.</td>
</tr>
<tr>
<td>Composite: 4</td>
<td>Level 4 - Not Proficient</td>
<td>Must take MATH-100* and then earn a grade of C or better in MATH-121 or MATH-115, or retake the Proficiency Test and pass both parts.</td>
</tr>
<tr>
<td>Composite: 99 (Core-to-Core students only)</td>
<td>Proficient for graduation.</td>
<td>But not permitted to take any additional Math courses at the College without first passing the Test</td>
</tr>
</tbody>
</table>

* MATH-100 is a Non-Academic credit course and does not count towards the total credits required for graduation.
Swim Test:
All students are required to pass a Swim Test to graduate. 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 who complete PHED-129: Lifeguarding and those who provide Lifesaving Certification identification will be credited for passing the Swim Test.

Certain upper-level major courses require the completion of the Swim Test requirement as a Pre-Requisite. Check the Course Descriptions for details. For assistance and information regarding the Swim Test or swimming courses, please contact Janice Kuklick at jkuklick@chc.edu.

Non-Academic Credits and Requirements
Non-Academic credits are earned for courses that may be required for graduation, but the credit earned for them is not included in the 120 Academic Credit minimum required for graduation. These courses are graded Pass/Fail only. Failures in a P/F course lower the semester GPA and Career GPA; a grade of P-Pass is not calculated as part of the term GPA or the Career GPA. The following Non-Academic courses are required:

FYIN-120: First-Year Initiative - taken in the student’s first semester. (Formerly FYIN-100.)

CARE-101: Career Connections - students may meet this requirement in a variety of ways including registering for and successfully completing an internship, fieldwork, practicum, or student teaching course. The Career Services Office will advise students on the options available. (Formerly FYIN-101.)

Physical Education: Each student must successfully complete two credits of Physical Education (PHED) courses, or participate in a Varsity sport (VARS) for a minimum of two semesters.

Core-to-Core Transfer Student Requirements
Please note that Core-to-Core requirements may vary depending on the transferring institution. Information presented here is a general overview and not meant to encompass every facet of Core-to-Core agreements with every institution. An Admissions or Advising Office representative at the College will be able to assist students with the exact requirements for the Core-to-Core agreement pertaining to them.

An official transcript noting the conferral date from the approved transfer institution must be received in order for a student to be reviewed for Core-to-Core status. Students will be required to complete the Core Curriculum for transfer students until a transcript with the conferral date is received. Approved Core-to-Core students follow an alternative Core Curriculum as follows:

Fundamental Requirements
Core Seminars:
Community College of Philadelphia Core-to-Core students are required to take GLST-201; however, they are not required to take FILA-120.
All other institution Core-to-Core students are not required to take either FILA-120 or GLST-201; however, they may be taken as electives if the student desires.

Writing:
Core-to-Core students are required to take the Writing Placement Test and may be strongly encouraged to complete additional Writing or English courses before continuing on with their studies. The English Department will recommend appropriate courses based on the results.

Religious Studies:
Core-to-Core students not transferring in course equivalents are required to take two courses in Religious Studies including RLST-104: The Religious Imagination followed by an RLST-Religious Studies course of the student’s choosing at the 200-level.
Public Speaking:
Community College of Philadelphia Core-to-Core students are required to fulfill the Public Speaking requirement. All other institution Core-to-Core students are not required to fulfill the Public Speaking requirement.

Ethics:
Community College of Philadelphia Core-to-Core students are required to fulfill the Ethics requirement. All other institution Core-to-Core students are not required to fulfill the Ethics requirement.

Foreign Language:
Core-to-Core students are not required to fulfill the Foreign Language requirement.

Ways of Knowing (WOKs)
Core-to-Core students are not required to fulfill the Ways of Knowing.

Proficiencies
Computer Proficiencies:
Core-to-Core students are not required to fulfill the Computer Proficiencies.

Mathematics Proficiency:
Core-to-Core students are considered Math Proficient for Graduation (Composite Score of 99) upon receipt of transcripts indicating conferral from an approved institution; however, they are not permitted to take any additional Mathematics courses, or courses with a pre-requisite of Math Proficiency, at the College without first passing the Math Proficiency Test (Composite score of 1 or 2.)

Swim Test:
Core-to-Core students are required to pass the Swim Test.

Non-Academic Requirements
Core-to-Core students are not required to fulfill the Non-Academic Requirements; however, they will receive non-academic credit for CARE-101 if they successfully complete an internship, fieldwork or student teaching course at the College.

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; however, the grade received is factored into the GPA.

LSTR-100: Creating Success: Skills for Success in College and Life
The student will learn many proven strategies for creating greater academic, professional, and personal success. Topics that promote student success include: personal responsibility, self-motivation, time (self) management, interdependence, self-awareness and emotional intelligence. Any student may register to take this course. LSTR-100 is required of some students as determined by SAT scores, placement scores and/or GPA. Credits earned are not applicable towards graduation.

LSTR-102: Creating Success: Reading and Writing Across the College Curriculum
The student will learn many proven strategies for creating greater academic success, through a variety of reading and study skills, specifically reading and understanding college level materials effectively. Any student may register to take this course. LSTR-102 is required of some students as determined by SAT Critical Reading scores, placement scores and/or GPA. Credits earned are not applicable towards graduation.

MATH-100: Developmental Math: Basic Skills and Principles
This course may be required following Math Proficiency testing. Credits earned do not apply towards the total required for graduation.
Degrees
Chestnut Hill College awards the following undergraduate degrees: the Associate of Arts in Liberal Studies (AALS), 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 is issued. Transcripts reflect a second major or minor, however, only one diploma is issued.

Graduation Requirements
In addition to meeting all of the stated Core Curriculum Requirements (Academic and Non-Academic), a student must apply for graduation with the Office of the Registrar and pay the graduation fee. Although not required, a Degree Audit with the Office of the Registrar is recommended in the Junior year.

A candidate for graduation must hold a minimum Career Grade Point Average of 2.00 and a minimum Major GPA of 2.00. The minimum grade requirement in courses required for a major or a minor (including those courses outside of the major department) is C- (1.70). All courses for a major or a minor are indicated in the Degrees and Programs section. This policy applies to all courses taken by all students in the School of Undergraduate Studies from Fall 2007 forward.

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 descriptions carefully to determine the number of credits and specific courses needed for graduation. Students may major in one, or two, of the following areas:

- Accounting
- Biochemistry
- Biology
- 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 Biology
- Forensic Chemistry
- French
- History
- Human Services
- International Business, Language and Culture
- Management
- Marketing
- Mathematics
- Mathematical and Computer Sciences
- Elementary/Middle-Level Education (4 to 8)*
- Molecular Biology
- Music Education
- Music Performance
- Political Science
- Psychology
- Secondary Education **
- Sociology
- Spanish

*Students electing to study Early Education (Pre-K to 4) or Elementary/Middle-Level Education (4 to 8) must apply to the Education Department for formal acceptance in the Junior year. Students will be “Preliminary” status until formally accepted. Consult the Education section for more information.

** Available only as a Co-Major to a Primary Content Area Major. See the Education Department section for more information.

Double Major
Students may be permitted to pursue a double major if they have earned a Career GPA of 3.20 or better with a minimum of 24 academic credits earned, and make their application before the completion of 75 academic credits.* Students who double major need to fulfill the requirements of each department; Core Requirements need only be completed once. Since additional time may be required to meet the requirements of both programs, it is highly recommended that students discuss any financial concerns with the Offices of Student Accounts and Financial Aid before deciding to pursue a double major.
To declare a double major, the student needs the permission of the Chair(s) of the two programs, and the Dean of the School of Undergraduate Studies. The student must provide evidence of the intellectual aptitude and commitment necessary to complete both programs, and must provide rationale for the request. The Application for a Double Major form may be obtained from the Office of the Registrar, St. Joseph Hall, 3rd Floor. Completed applications are submitted to the Dean in St. Joseph Hall, Room 338.

Students who pursue a double major that crosses degree programs will need to choose a primary program for which the diploma is issued. Transcripts reflect a second major or minor, however, only one diploma is issued. For example, students who double major in Mathematics and Psychology will need to choose either the BS in Mathematics or the BA in Psychology as the primary program for the degree will be conferred.

* Exceptions may be granted by the Dean of the School of Undergraduate Studies.

**Individualized Major Program**
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 appropriate department chairs, the student prepares a program and submits it to the Dean of the School of Undergraduate Studies for approval.

To be eligible, the student must have a Career GPA of 3.20 or above; to remain in the program, the student must maintain a CGPA of 3.20 or above. The Faculty Advisor will monitor progress in the program. 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. 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. The title of the major will be determined in consultation with the Dean and the student’s Faculty Advisor. Application forms and assistance with the process may be obtained in the Office of the Dean, School of Undergraduate Studies, St. Joseph Hall, 3rd Floor.

**Minor Studies and Certificate Programs**

**Departmental and Inter-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
- Creative Writing
- Criminal Justice
- Digital Forensics
- English Literature
- Environmental Sciences
- Foreign Language
- French
- Gerontology
- History
- Human Services
- Information Management
- International Business
- Jazz Performance
- Latin/Classical Civilization
- Management
- Management Information Systems
- Mathematics
- Molecular Biology
- Music
- Peace and Justice
- Philosophy
- Political Science
- Programming
- Psychology
- Religious Studies
- Religious Studies and Philosophy
- Sociology
- Spanish
- Special Education*
- Web/Multimedia Design
- Women’s Studies
- * Available only with Education programs.

**Certificates**
Certificates may be earned in several areas:

- Certificate in Montessori Education - contact Janet Colaianni. Email: colaiannij@chc.edu.
- Certificate in International Studies - contact Mary Helen Kashuba, SSJ. Telephone: 215.248.7124. Email: kashubam@chc.edu
Interdisciplinary Honors Program

The College’s 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 and to the Handbook available from the Director. Interested students may apply for the complete Interdisciplinary Honors Program or for a single Honors seminar. (Please note that registration for seminars is limited and preference is given to students pursuing the complete program.) For more information, please contact the program director, Dr. Kathleen Duffy, SSJ, Room 4, St. Joseph Hall. Telephone: 215.248.7197. Email: kduffy@chc.edu.

Special Degree Programs

Combined Programs

The BA in Psychology/MS in Counseling Psychology provides the opportunity for exceptionally qualified students to work on a bachelor’s degree and a master’s degree simultaneously. 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 in the Fall and Spring semesters, even while the student is enrolled in graduate courses. This results in a substantial savings in tuition costs. (Graduate courses taken in the Summer are billed at the graduate rate.) The BA/MS program is a professionally-oriented program that will admit only those applicants who are committed to a career in counseling psychology. Admission 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 program, please see the Psychology section or contact Dr. Lynn Brandsma, Room 3, St. Joseph Hall. Telephone: 215.248.7049. Email: brandsmal@chc.edu.

The Chestnut Hill College Department of Education’s combined BS in Early Education/MEd in Early Education with a Concentration in Special Education 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 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 early education 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 Early Education with Special Education Certification, please contact Dr. Carol Pate, 4th Floor St. Joseph Hall. Telephone: 215.248.7127. Email: cmpate@chc.edu.

Chestnut Hill College offers a combined BS in Computer and Information Sciences or a BS in Computer and Information Technology/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 multimedia design and production as well as instructional design and eLearning; students will be able to 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 during the regular academic year for the first four years. Students who are considering this program should maintain an undergraduate GPA of at least 3.20. 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 Tech-
The combined BS in Human Services/MS in Administration of Human Services 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 3.20 GPA in these courses before making application to the program. 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 Dr. Nancy DeCesare, IHM, Room 202, St. Joseph Hall. Telephone: 215.248.7028. Email: decesaren@chc.edu.

**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 College students meeting the criteria will be admitted to the Physician Assistant Program at Arcadia University. Students interested should contact Dr. Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu.

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. Students interested should contact Dr. Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu.

**Repeated Courses**  
**To Earn a Better Grade**

A student may repeat a course in an effort to earn a better grade but the student must repeat the exact course and must do so at Chestnut Hill College. Academic credits for a course may be earned only once unless the course is designated *Repeatable for Credit*. There is no limit to the number of times a student may repeat a course to earn a better grade.

If a student repeats a course, only 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 will appear on the student’s transcript. 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 transcript and the higher grade will be marked with an “R” for *Repeated*.

Courses that are repeated to improve a grade are counted in Attempted Credits but only one passing grade is counted towards the Career Earned Credits. Enrollment status for any semester (e.g., full-time, half-time) as it relates to Financial Aid eligibility may be impacted as a result of repeating courses. Please check with the Office of Financial Aid before repeating a course for which you have already received a passing grade and only need to improve the grade.

**Accumulated Credit**

Certain courses may be repeated but the academic credits accumulate towards the minimum required for graduation. The course description indicates courses that are *Repeatable for Credit*. Departmental Special Topics courses (number -281 or -481) are, in most cases, repeatable for credit. Courses that are repeated and the
academic credits accumulate towards the minimum required for graduation are counted in both Attempted Credits and, if an appropriate grade is earned, in the Career Earned Credits total. No symbols appear next to courses repeated to earn accumulated credits.

**Withdrawing From a Course**

Students are permitted to withdraw from a course with the approval of a Faculty Advisor. A student who wishes to withdraw from a course or courses must complete the Change of Registration Form. If a student completes a Change of Registration Form before the deadline indicated on the Academic Calendar a non-punitive grade of W- Withdrawal is recorded on the transcript; the GPA is not affected. After the deadline, a grade of WF- Withdrawal/Failing is assigned and the GPA is affected. Students are responsible for all outstanding debts to the College regardless of the grade assigned.

Students should understand that withdrawing from a course may jeopardize financial aid, student related benefits, and/or athletic eligibility for that term or a subsequent term, and should speak with appropriate offices for information on the impact of a withdrawal before making that decision with the Faculty Advisor. Once a course has been withdrawn, it cannot be reinstated without the permission of the Dean of the School of Undergraduate Studies via the Petition to Add/Drop/Withdraw Retroactively (see below.)

Completed Change of Registration Forms should be returned to the Office of Student Success, St. Joseph Hall, 3rd Floor, Room 366. Telephone: 215.242.7735. Fax: 215.242.7714. Email: studentsuccess@chc.edu. Forms may be obtained on the My CHC Portal or in the Office of the Registrar, St. Joseph Hall, 3rd Floor.

**From the College Completely**

A student who wishes to withdraw from all courses in the School of Undergraduate Studies, and effectively from Chestnut Hill College, must complete the Change of Registration Form. Students should understand that withdrawing from all courses, and the College, may jeopardize aid or athletic eligibility for that term or a subsequent term, and should speak with appropriate offices for information on the impact of a withdrawal before making their decision.

A non-punitive grade of W- Withdrawal is recorded on the transcript if the student withdraws before the deadline indicated on the Academic Calendar. The GPA is not affected. After the deadline, a grade of WF- Withdrawal/Failing is assigned and the GPA is affected. Students are responsible for all outstanding debts to the College regardless of the grade assigned.

Completed Change of Registration Forms should be returned to The Office of Student Success, St. Joseph Hall, 3rd Floor, Room 366. Telephone: 215.242.7735. Fax: 215.242.7714. Email: studentsuccess@chc.edu. Forms may be obtained on the My CHC Portal or in the Office of the Registrar, St. Joseph Hall, 3rd Floor.

**Leave of Absence**

A student may interrupt his/her college program by requesting a Leave of Absence for up to two consecutive semesters by completing the Change of Registration Form available on the My CHC Portal or in the Office of the Registrar, St. Joseph Hall, 3rd Floor. There is no limit to the number of Leaves a student may take however, a student who does not re-enroll by the end of the second consecutive Leave of Absence must reapply for admission to the School of Undergraduate Studies if he/she wishes to return to the College. Students on Academic Warning or Probation at the time of the Leave of Absence maintain that status upon their return even if they must reapply to the College.

During a Leave of Absence the student is not considered to be enrolled at the College, which may affect the continuation of student-related benefits such as loan deferment or health insurance eligibility. Before making the decision to take a Leave of Absence, students are strongly advised to contact their Faculty Advisor, Financial Aid, Academic Advising, and any third-parties providing status-dependant services to discuss the possible ramifications. While on an approved Leave, students may not have access to the My CHC Portal or other College related services.
Completed Change of Registration Forms and students ready to return from an approved Leave of Absence should go to the Office of Student Success. St. Joseph Hall, 3rd Floor, Room 366. Telephone: 215.242.7735. Fax: 215.242.7714. Email: studentsuccess@chc.edu.

**Requests to Change Registration Retroactively**

Students must complete all course registration changes and/or requests within the timeframe indicated on the Academic Calendar. Requests to change course registration after a deadline has passed may be made to the Dean of the School of Undergraduate Studies via the Petition to Add/Drop/Withdraw Retroactively. Examples of such changes include dropping a course after the deadline; adding a course after the deadline; changing WF to W or an F to W.

Completing the petition and submitting the required documentation does not guarantee that a change will be made to the registration. All documentation and information regarding the situation will be considered however, the decision to change a course registration retroactively is solely at the Dean’s discretion. All decisions are final; there is no appeal process. The Petition to Add/Drop/Withdraw Retroactively is available in the Office of the Registrar, 3rd Floor, St. Joseph Hall.

**Grades and Grading**

**Grading System**

Chestnut Hill College uses an unweighted 4.00-scale grading system. Grades that affect the Term and Career GPA:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</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></td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td>Satisfactory: Acceptable mastery of subject matter.</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>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>varies</td>
<td>Non-Academic course. (Examples: PN; B+N.)</td>
</tr>
</tbody>
</table>

Courses with a grade of F, WF or Grade + N are calculated in the Term and Career GPAs as well as Attempted Credits, but any credits passed are not calculated in Earned Credits.

Grades that DO NOT affect the Term or Career GPA:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Pass: issued in a Pass/Fail course or when P/F option elected by the Student.</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete/Permanent Incomplete</td>
</tr>
<tr>
<td>PI</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
</tr>
<tr>
<td>TR</td>
<td>Transfer or other credits such as Advanced Placement or CLEP</td>
</tr>
</tbody>
</table>
Courses with a grade of P, I, PI, W, AU, or NR, and are not calculated in either the Term or Career GPAs, nor are any credits passed calculated in Earned Credits. The credits are, however, calculated in the Attempted Credits total. Courses with a grade of Grade+# are not calculated in either the Term and Career GPAs; however, credits are calculated in the Attempted Credits total and, if the course was completed successfully, the Earned Credits total. Courses with a grade of TR are not calculated in either the Term or Career GPAs but are counted in both Attempted and Earned Credits.

**Pass/Fail Grading Option**

Students having earned at least 24 academic credits may take up to 4 credits per semester of electives on a Pass/Fail (grade of P-Pass or F-Fail) basis. The total number of P/F courses taken 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.

Requests to change the grading option must be received in the Office of the Registrar by the deadline published in the Academic Calendar. The Instructor’s permission is required to change the grading option of a course after the drop/add deadline as published in the Academic Calendar.

Academic credits earned on a P/F basis count towards the minimum 120 credits required for graduation. Failures in a P/F course lower the GPA; a grade of Pass is not calculated as part of the Career GPA. Students may change their status from a standard letter grade to P/F only with permission of the Instructor.

**Auditing**

Senior level students may audit (grade of AU-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; credits do not count towards the Career Earned nor does the AU affect the GPA.

Requests to change the grading option must be received in the Office of the Registrar by the deadline published in the Academic Calendar. Instructor’s permission is required to change the grading option of a course after the drop/add deadline as published in the Academic Calendar.

**Incomplete Grades**

A student may request a grade of I-Incomplete from the Instructor of a given course, however Incomplete grades are granted for serious reasons only (e.g., sickness requiring medical intervention and care, a death in the family, other unexpected and unavoidable circumstances that preclude the completion of work on time.) The granting of an Incomplete is at the discretion of the Instructor and Department Chair. Requests made after the last class or final exam meeting will not be accepted or approved.

If the Instructor agrees that the reason for the Incomplete is 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.

The student then obtains a Request for Incomplete Grade form from the My CHC Portal. 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 takes the form to the department chair for his/her signature and then returns the form to the Office of the Registrar, 3rd Floor, St. Joseph Hall.
The student assumes full responsibility to make sure that all the requirements are fulfilled and submitted to the Instructor in a timely manner. The Instructor will grade all the material and submit the grade to the Registrar via CHC email by the deadline. **If the work is not completed and submitted at the end of the day designated by the Instructor then the student will automatically receive a grade of F-Failure.**

The **maximum time frame** for completion of incomplete work is **6 weeks after the final exam meeting**. 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 request, including reasons for the extension, in writing to the Instructor. If Instructor is willing to grant an extension, he/she will forward the request to the Dean for final approval.

**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 may be issued to other students at the Instructor’s discretion.

Mid-term Grades are for informational purposes only - they are not part of the student’s academic history and do not “automatically” calculate into the Final Grade. All grades may be viewed on the My CHC Portal; no unsolicited mailers are ever sent regarding grades.

**Final Grades**

After a Final Grade has been submitted to the Office of the Registrar, it may not be changed unless the Instructor has made an error in the calculation or submission. An Instructor may neither assign nor accept any additional work after submitting the Final Grade. The possibility of having a Final Grade changed is not a substitute for requesting an Incomplete.

It is imperative that students verify all Final Grades on the My CHC Portal as soon as possible following the completion of the course. Any grade inconsistencies must be brought to the Instructor’s attention within the following timeframe:

- Within 30 calendar days from the grade submission deadline for courses in the School of Undergraduate Studies
- Within 10 calendar days from the grade submission deadline for courses in the School of Continuing Studies
- Within 30 calendar days from the grade submission deadline for courses in the School of Graduate Studies

Consult the School’s Academic Calendar for deadline information. After that time, all Final Grades will be regarded as accurate and will not be changed.

**Grading Issues**

**Appeal Process**

After a Mid-term or Final Grade has been submitted to the Office of the Registrar it may not be changed unless the Instructor has made an error in the calculation or an error in submission. Grade discrepancies in School of Undergraduate Studies courses must be identified within 30 calendar days of the grade submission deadline indicated on the Academic Calendar. After that time, a grade may not be changed for any reason.

Students who feel there has been an error in grading may request a review by following the steps outlined on the **Request for Final Grade Review/Appeal** form available in the Office of the Registrar. If the Instructor of the course is no longer employed at the College, or is otherwise incapacitated, the student should contact the Chairperson of the Department.

First, the student should ask the Instructor to review the grade issued in case an error has been made. **Very often a grade issue can be resolved without any further action.** If there was indeed a miscalculation or submission error, the Instructor should refer to the Grade Change Following Submission policy to have the correct grade posted.
If the issue cannot be resolved by conversation, the student should complete a Request For Final Grade Review form and submit it to the Instructor with any relevant materials (papers, tests, assignments, etc.) supporting a request for a grade review. The Instructor must respond in writing within 5 business days of receipt of the request indicating either that there was indeed a miscalculation or submission error, or presenting a detailed explanation supporting the grade issued.

The student then has 10 business days from receipt of the Instructor's written response to contact the Chairperson of the Department for additional review. The student forwards the completed form, all of the documentation submitted to the Instructor, the Instructor's reply, and a detailed rationale for a review beyond the Instructor.

The Chairperson will respond to the student in writing within 10 business days of receipt of the written appeal indicating either that there was indeed a miscalculation or submission error, or presenting a detailed explanation supporting the grade issued.

If the issue still remains unresolved, the student has 10 business days to appeal to the Dean of the School of Undergraduate Studies by forwarding the completed form, all of the documentation submitted to the Instructor and Chairperson, the replies received, and an additional detailed rationale for review beyond the Chairperson.

A committee consisting of the Dean and three faculty members chosen by the Dean will be formed. The committee will convene as soon as possible and the Dean will forward all relevant materials to the members in sufficient time to review. A meeting will be scheduled where the student and the Instructor will present their arguments in one another's presence. Both will answer questions from the committee who will then review the evidence and testimony in private and reach a decision. The Dean will notify the student of the final decision in writing. The committee's decision is absolute and concludes the Final Grade Review/Appeal Process.

**Good Academic Standing**
A student with a Career GPA of 2.00 or above is considered to be in “Good Academic Standing.” Letters affirming Good Academic Standing are available from the Office of the Registrar and must be requested in writing. Email registrar@chc.edu for assistance.

**Satisfactory Academic Progress for Graduation**
A full-time student in the School of Undergraduate Studies whose Career Grade Point Average (CGPA) or semester GPA falls below 2.00 will be subject to Academic and Financial Aid Review and possible Warning, Probation, or Dismissal. Students attending less than full-time should speak with the Office of Academic Advising and the Office of Financial Aid to determine their benchmarks for Satisfactory Academic Progress.

**Semester Grade Point Average Benchmarks**
Any continuing student, regardless of Career Academic Credits Earned, whose semester GPA is below 2.00 will be contacted by the Office of Academic Advising via their CHC email account.

**Career Grade Point Average Benchmarks**

<table>
<thead>
<tr>
<th>Career Academic Credits Earned</th>
<th>Minimum CGPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 24</td>
<td>1.65</td>
</tr>
<tr>
<td>25 to 59</td>
<td>1.85</td>
</tr>
<tr>
<td>60 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**Warning**
Students not meeting the required minimum CGPA indicated on the chart below during the Fall or Spring semester will be placed on both Academic and Financial Aid Warning. Warning status is noted on the official transcript. Students then have the next full semester to reach the minimum CGPA indicated.
Students on Academic and Financial Aid Warning who reach the minimum CGPA after the following semester will be considered to be making Satisfactory Academic Progress for Graduation and for Financial Aid. Students must continue to make progress or they risk additional Warning, Probation, or Dismissal. Although there is no limit to the number of times a student may be placed on Academic and Financial Aid Warning, regularly not meeting the minimum CGPA puts the student in jeopardy of passing the 6-year/180 attempted credit period of Financial Aid eligibility.

Students placed on Academic and Financial Aid Warning are contacted in writing by the Office of Financial Aid and via CHC email by the Office of Academic Advising.

**Probation**

Students on Academic and Financial Aid Warning who do NOT reach the minimum CGPA after the following semester are NOT making Satisfactory Academic Progress for Graduation or for Financial Aid and will be placed on both Academic and Financial Aid Probation for the following semester. Students on **Financial Aid Probation** are NOT eligible for Federal Financial Aid. Probation status is noted on the official transcript and students placed on Academic and Financial Aid Probation are contacted in writing by the Office of Financial Aid and via CHC email by the Office of Academic Advising.

Students on Academic and Financial Aid Probation are permitted to register online for the following semester, albeit without access to Federal Financial Aid, and must meet with the Office of Academic Advising on a routine basis to discuss progress.

Students on Academic and Financial Aid Probation who reach the minimum CGPA after the following semester will be considered to be making Satisfactory Academic Progress for Graduation and for Financial Aid. Registration in the following semester is not restricted and Financial Aid eligibility is restored.

Students on Academic and Financial Aid Probation who do NOT reach the minimum CGPA after the following semester are NOT making Satisfactory Academic Progress for Financial Aid and will not be eligible for any future Federal Financial Aid until they reach the minimum CGPA. Students are permitted to register online for the following semester, albeit without access to Federal Financial Aid, and must meet with the Office of Academic Advising on a routine basis to discuss progress.

**Dismissal**

Students on Academic Probation for the second consecutive semester who do NOT reach the minimum CGPA are NOT making Satisfactory Academic Progress for Graduation and shall be dismissed from the College. A Registrar’s Office hold is placed on all dismissed students and the dismissal is noted on the official transcript. Dismissal letters are emailed, as well as sent via expedited mail to the student’s Permanent Address on file.

Students dismissed from the College may file an Appeal by following the details in the dismissal letter. The decision to reinstate and the criteria for reinstatement are at the discretion of the Academic Review Committee. The decisions of the Committee are final; there is no further appeals process.

**Reinstatement Following Appeal**

Dismissed students who file an Appeal may be allowed to return to the College under certain circumstances. Students who are reinstated return to the College on Academic and Financial Aid Probation and must meet all specified criteria or risk dismissal. Reinstated students may not register online for their return semester; they must meet with the Office of Academic Advising to register for courses.

Students who are dismissed and have not been away from the College for more than one year do not need to reapply. Students that are dismissed and have been away from the College for more than one year must reapply. Readmitted status is noted on the student’s official transcript.

Students who are dismissed and have been away from the College for a minimum of four consecutive years may petition for Academic Amnesty. If Amnesty is granted, the Office of the Registrar will update all courses taken prior to readmission to remove their grades from the Career Grade Point Average calculation.
(CGPA). This resets the CGPA to 0.00; only grades earned following readmission will comprise the CGPA. Students are then restored to Good Academic Standing and are eligible for Federal Financial Aid.

**Credit Load/Overload**

An undergraduate student enrolled for 12 or more Academic and/or Non-Academic credits is considered a Full-time student. A normal credit load is 15 academic credits however; students in special programs and those on Academic Probation may have additional limitations. The Office of Academic Advising will work with those students to ensure guidelines are met.

To enroll for more than 17 hours in a semester, the student must have a term GPA of 3.20 or above 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 3.20 may be made. Please note that such an exception requires the permission of both the Faculty Advisor and the Office of Academic Advising.

Additional tuition, at the current per credit rate, will be charged for all academic credits beyond 18. Please contact the Office of Academic Advising for assistance and information. St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

**Class Level (Freshman/Sophomore/Junior/Senior)**

Undergraduate class level is determined by the number of academic credit hours earned by the student. Level is calculated using credits earned at the College or transferred in to date. Please note that currently enrolled courses are not included in that calculation.

For Sophomore status, a student must have completed 24 academic credits; for Junior status, 54 academic credits; for Senior status, 84 academic credits. Students may view their current Class Level on the Portal.

Online registration is opened for students by class: Seniors have first choice, followed the next day by Juniors, Sophomores, then Freshman/unverified transfer students. Transfer students are considered Freshman for registration purposes until an official and/or final transcript has been received and evaluated.

**Graduate-Level Courses**

A student may begin work in the Chestnut Hill College School of Graduate Studies while fulfilling the requirements for an undergraduate degree if the student’s academic performance justifies such action. Graduate-level credits earned in excess of those required for the undergraduate degree may be applied towards an advanced degree when the credits earned are not applied towards the undergraduate 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, and those taking graduate-level Summer courses, must pay the graduate tuition rate.

**Course Agreements With Other Institutions**

The cooperative agreement with La Salle University enables full-time undergraduate students to take courses at La Salle University during the Fall and Spring semesters at no extra charge. Students receive full credit for these courses, which are included in the Chestnut Hill College GPA. Students need the permission of their academic adviser to take courses at LaSalle University and should register for these courses through the Office of the Registrar.
The Association of Colleges of Sisters of Saint Joseph 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).

Full-time students in the School of Undergraduate Studies may register for up to two undergraduate courses per Standard Academic Year at any other Southeastern Pennsylvania Consortium for Higher Education (SEPCHE) member institution. SEPCHE institutions include Arcadia University, Cabrini College, Gwynedd-Mercy College, Holy Family University, Immaculata University, Neumann College, and Rosemont College. The SEPCHE 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 Chestnut Hill College before taking courses through the SEPCHE 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 is available only for Fall and Spring semesters. The Program does not apply to Summer, 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. Students register and pay for Summer courses at La Salle University or at a SEPCHE institution with approval of the the Faculty Advisor and by the Office of Academic Advising.

Permission to Take Courses at Another Institution
Students who wish to take courses at other colleges or universities during the summer must have the courses approved by the Faculty Advisor and by the Office of Academic Advising. Permission to Study Off Campus forms are available from the Office of Academic Advising. Transfer credits will be awarded for only those courses in which a grade of C (2.00) or better has been earned. All transferred courses are recorded with a grade of TR-Transfer. It is the student’s responsibility to ensure that a final, official copy of the transcript is received in the Office of the Registrar. No credit will be given for any course unless the final, official transcript is received.

Before registering at another institution, please consult the Office of Academic Advising for guidance, St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

Restrictions
All students are required to take the last year of course work at Chestnut Hill College. Under ordinary circumstances, transfer credits are not accepted from a Community or two-year College once a student has achieved Senior status (earned 84 academic credits).

Students are not permitted to take courses Required for the Major at other institutions. Exceptions are permitted for study abroad and for attendance at SSJ/CSJ Consortium Schools. Transfer credits may not be earned during the Fall and Spring semesters. 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 during the Fall or Spring semesters. Summer courses taken at La Salle University or at SEPCHE institutions are recorded with a grade of TR.

Credits earned while studying abroad are not included in the Career GPA except when part of an official program sponsored by the College. See the Study Abroad section for details.

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, College Level Examination Placement (CLEP), and...
**Portfolio Assessment.** Application for each of these experiences must be made through the Office 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 in a given semester. An evaluation equivalent to a grade of B is required for credit to be given for Challenge Examinations and Portfolio Assessments; acceptable CLEP score information is available in the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

**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 15 credits, but may not challenge a course previously failed. All Challenge Examinations must be completed prior to registration for the final 15 credits required for the degree. A maximum of 15 credits in any combination of Advanced Placement (AP), Challenge, and CLEP will be accepted towards a Chestnut Hill College degree. Challenge Examination credits earned appear on the Academic Transcript as a letter grade in the appropriate course, and credits earned are calculated in both Attempted and Earned. A fee is charged for this service. Assistance is available in the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

**College Level Examination Placement (CLEP)**
Each academic department determines which CLEP examinations will be accepted and the course equivalents. Credit for CLEP may be requested after the student has earned 15 credits at the College and must be made prior to registration for the final 15 credits for graduation from the College. A student may receive up to 15 CLEP credits, but may not apply CLEP credit for a course previously failed. CLEP credits are indicated with a grade of TR-Transfer on the Academic Transcript and credits earned are calculated in both Attempted and Earned. A maximum of 15 credits in any combination of Advanced Placement (AP), Challenge, and CLEP may be accepted towards a Chestnut Hill College degree. The College does not charge a fee for the application of CLEP credits. Assistance is available in the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

**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 academic credit for a course in the current college catalog. There is no limit to the number of credits that may be applied, but credits will not be applied for any course previously failed. A fee is charged for this service. Portfolio credits earned appear on the Academic Transcript as a letter grade in the appropriate course and the course is counted in both Attempted and Earned Credits. Assistance is available in the Office of Academic Advising, St. Joseph Hall, 3rd Floor. Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu.

**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. August and December conferrals are scheduled four business-days following the Final Grade due date in the School of Undergraduate Studies; May conferral is scheduled for the Saturday following Exam Week.

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

The Chestnut Hill College undergraduate diploma is written in Latin; features the signatures of the President, the Vice President for Academic Affairs, the Dean of the School, and the Registrar; and bears the official school seal. Diplomas are issued at Commencement in May or sent via the US Mail following conferral. Latin Honors earned are printed on the diploma.
**Honors, Distinctions and Societies**

**Dean’s List**
The Dean’s List for full-time students is published three times each academic year following the Fall, Spring, and Summer semesters. Eligibility for inclusion is based upon two criteria: the student must earn at least 12 academic credits in the semester with a GPA of 3.60 or higher; and the student must not have been held responsible for violations of academic integrity during that semester.

The Dean’s List for part-time students is published once every September. To be eligible, part-time students must have earned a minimum of 12 academic credits during the preceding Standard Academic Year. Eligibility for inclusion is based upon two criteria: a Career GPA for the preceding Standard Academic Year of 3.60 or higher, and the student was not held responsible for violations of academic integrity during that period.

**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 distinction if their final Career GPA is: 3.60, *cum laude*; 3.75, *magna cum laude*; 3.90, *summa cum laude*. Latin Honors are indicated on diplomas in addition to the official transcript.

**Honor Societies**

- **Alpha Lambda Delta** is the national society that honors high scholastic achievement during the first year in college. The Chestnut Hill College chapter of this society received national affiliation in 1993. Students with a Career GPA of 3.50 at the end of their first or second semester are eligible for election to the College’s chapter of Alpha Lambda Delta. Students inducted into the chapter who maintain a Career GPA of 3.50 are honored by membership into the *Alpha Lambda Delta Circle of Excellence* during their graduation year.

- **Delta Epsilon Sigma**, the national scholastic honor society for students of Catholic colleges and universities, established its Alpha Upsilon Chapter at Chestnut Hill College 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. To be eligible for membership, an individual must graduate from a regionally accredited four year college which has established an affiliation with Kappa Gamma Pi. Members are selected in recognition of past accomplishments and also in anticipation of future service. Nominees must meet the following requirements:

  ~ By the end of seven semesters or equivalent, they have attained a Career Grade Point Average of 3.60 or above.
  ~ 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.

Once nominated, the student must submit an application to the Honors Committee. Members are selected in recognition of past accomplishments and also in anticipation of future service. In addition, no more than 10% of the graduating class may be elected to membership.
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, and must hold a Career GPA of 3.60 or higher with 30 or more credits completed.

Alpha Phi Sigma recognizes the academic excellence of undergraduate criminal justice students. Its mission is to promote analytical thinking, rigorous scholarship and lifelong learning; to keep abreast of the advances in scientific research; to elevate the ethical standards of the criminal justice professions and to sustain in the public mind the benefit and necessity of education and professional training. Members must be enrolled in undergraduate programs of a regionally accredited institution at the time of initiation and must have declared a major or minor in Criminal Justice or a related field. Students must have completed at least four courses in the major/minor; have a minimum Career GPA of 3.20; and a GPA of 3.20 in Criminal Justice or related field courses.

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 or as Kirby students in the School of Undergraduate Studies and have earned a minimum of 30 credits. Members shall be selected only from the highest 10% of the population and must have a minimum Career GPA of 3.60.

Epsilon Pi Tau is the International Honor Society for Technology. The 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 be ranked in the top 35% of their class and must be approved by department faculty.

Kappa Delta Epsilon is an honorary educational fraternity which supports the cause of education by fostering a spirit of fellowship, high standards of scholastic attainment and professional ideals among its members. We are an active group engaged in preparing our members for the teaching profession. Requirements are an overall GPA of 3.00 or higher and formal acceptance into the education department.

Lambda Pi Eta is the official communication studies honor society of the National Communication Association (NCA). The national requirements for student membership include a 3.00 or higher Career GPA with 60 credits completed; a 3.25 or higher GPA for Communication courses with 12 credits completed, and rank in the highest 35% of their class. All elected members shall exhibit high standards of personal and professional character.

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

Phi Sigma Iota is the International Foreign Language Honor Society and it recognizes outstanding accomplishment in the study or teaching of any of the academic fields related to foreign language, literature, or culture. Undergraduate students shall be enrolled in the institution represented by the chapter, have completed at least one course in a foreign language at the third-year level or its equivalent (fifth semester), have completed 45 credits, have a minimum Career GPA 3.00, and rank in the top 35% of their class.

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 3.20 or higher, a Psychology GPA of 3.50 or higher, Junior standing, and the completion of at least four Psychology courses.

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 students that rank in the upper 20% of their class who have achieved a minimum 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.

*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 Literature or English Literature and Communications, a ranking in the top 35% of the class, a minimum 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*).

*Sigma Zeta* is the National Science and Mathematics Honor Society to encourage and foster the attainment of knowledge in the Natural and Computer Sciences and Mathematics and to recognize the attainment of high scholarship among society members. Any college student whose major is in any of the Natural Sciences, Computer Science, or Mathematics, who has completed the equivalent of 25 credits towards the degree, including 15 credits in the Natural Sciences or Mathematics, and a minimum GPA of 3.00 in the Sciences and Mathematics plus a minimum Career GPA of 3.00 shall be eligible for election to membership.

*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 minimum 3.50 GPA in Religious Studies courses, and a minimum 3.00 Career GPA.

**Additional Awards and Honors**

*The Saint Catherine Medal*, sponsored by Kappa Gamma Pi, is presented annually to one Sophomore or Junior School of Undergraduate Studies student who represents the high ideals of a Catholic college education. Faculty, staff, and students submit names of nominees. The Honors Committee determines the recipient based on evidence of leadership and service to the College.

*The Dorothea E. Fenton, Class of 1928, 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.” The Honors Committee determines the recipient.

*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.

**Special Programs and Services**

**Academic Advising**

*St. Joseph Hall, 3rd floor*

Telephone: 215.248.7199. Fax: 215.753.3661. Email: advising@chc.edu

The Office of Academic Advising staff provide support that engage students in the process of exploring, evaluating, and choosing academic programs. They coordinate resources for academic success, communicate with students experiencing academic difficulties and establish progress plans for them. The Office of Academic Advising serves as a resource for students seeking permission to transfer credits, study off campus, and study abroad.

**Study Abroad/Consortium Agreements/Affiliation Agreements**

Chestnut Hill College has a Study Abroad Affiliation Agreement with Regent’s College that provides students an opportunity to study in London for a semester. To be eligible for an Affiliation Agreement program, students must be a currently enrolled full-time student with at least Sophomore status (24 academic credits or more) and hold a Career GPA of 3.00 or above. Courses taken at an Affiliation Agreement school are applied to the Chestnut Hill College transcript with the grades and applicable credits earned calculated into the Career GPA. Students must speak with the Office of Academic Advising before registering for courses. For a list of participating Study Abroad Affiliation Agreement schools, please contact the Office of Academic Advising. Telephone: 215.248.7199. Email: Advising@chc.edu.
Chestnut Hill College students may also pursue organized study in a foreign country with another accredited institution. In recent years students have studied in London, Paris, Lyon, Rome, Bologna, Madrid, Vienna, Salzburg, Dublin, Argentina, Costa Rica, Guatemala, Nicaragua, Mexico, Turkey and New Zealand. To be eligible for study abroad students must be a currently enrolled full-time student with at least Sophomore status (24 academic credits or more), and hold a Career GPA of 3.00 or above. Students should be aware that a semester abroad may affect their conferral date. For programs not under an Affiliation Agreement, students register for courses at the Institution sponsoring the program and credits are brought in as transferred credits upon receipt of the final, official transcript. Students must speak with the Office of Academic Advising before registering for courses abroad.

The Foreign Language and Literature, English, History, Education and Art Departments routinely sponsor Inter-sessions abroad during semester breaks. Students earn academic credit through these Inter-sessions; however, an additional fee is charged.

**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 (course -401) 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 Instructor charged with internships in the department during the fall semester to earn credit.

**Cooperative Education**

*St. Joseph Hall, 3rd floor*

*Telephone: 215.248.7032. Email: murphyr@chc.edu*

The 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.

**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. Please contact the Office of Admissions for additional information. Telephone: 215.248.7001.

**Academic Integrity Policy**

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 College community of scholars. Academic integrity promotes trust, mutual respect, cooperation, and the advancement of learning. Academic integrity requires:

~ Careful and thorough preparation for courses, including reading, completion of assignments, finding required background material, and reflecting on relevant issues.

~ Regular and prompt attendance for the entire course session unless there is a serious reason for absence.

~ Effort to maintain careful and focused attention during class.

~ Participation in course 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 Policy

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 acknowledgment 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 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 acknowledgment 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 acknowledgment, and presenting this as one’s own original work.

Penalties

Instructors 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 of the School of Undergraduate Studies, St. Joseph Hall, Room 338. 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

An Instructor may impose any of the penalties A through D at his/her discretion; however, the Instructor should first check with the Dean to determine whether the student has previous infractions of Academic Integrity. When imposing a penalty, the Instructor must complete the Violation of Academic Integrity Form, available in the Office of the Dean and in the Faculty Manual.

Penalty E is enacted by the Dean of the School of Undergraduate Studies 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 the School of Undergraduate Studies for a violation of Academic Integrity may appeal the charge according to the following procedure:

~ Academic Integrity cases should first be addressed between the Instructor and the student in an effort to reconcile their differences. If the Instructor determines that a violation of Academic Integrity has occurred, he or she will complete the appropriate form and submit the form to the Dean.
~ 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.
~ 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.
~ If the case is brought to the Appeals Board, both student and Instructor 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.
~ 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 Policy**

There is a relationship between the academic success of the student and 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 Office 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). A first-year student who does not adhere to this policy will be reported to the Office of Academic Advising. Instructors have
the right to reduce the number of excused absences at their discretion and this will be written into syllabi. 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, and
- The student has demonstrated regular attendance outside of athletic events, and
- The student submits to the Instructors an *Intercollegiate Athletic Release Form* during the first two weeks of classes. This informs Instructors when she/he expects to be absent, arrive late, or leave early for each class.

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 Instructors 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.

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 during a semester according to the following schedule*:

- Evening Classes (meeting once a week) - 2 classes may be missed
- 75 Minute Day Classes (meeting twice a week) - 4 classes may be missed
- 50 Minute Day Classes (meeting three times a week) - 6 classes may be missed

The permission to miss classes may be revoked if, in the judgment of the Instructor, the student’s class performance and academic progress is being seriously jeopardized.

*Exceptions may have to be made during tournament games.

**Athletic Participation Policy**

Any athlete whose Career GPA falls below 2.00 after a semester may request Provisional Status if there are extenuating circumstances that do not include needs of the team. The request for Provisional Status must be accompanied by statements of support from the Director of Athletics and/or the appropriate coach, the student’s Faculty Advisor, and all Instructors in whose classes she/he earned a grade of C- or lower in the previous semester.

Requests 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 term GPA required to achieve a Career GPA of 2.00. Further details may be found in the *Student Athlete Handbook*. 
Final Exam Policy

Final exams are scheduled by the Office of the Registrar according to a matrix based on the day/time of the first class meeting. Final Exams must take place during Exam Week. The Final Exam Matrix appears at the back of the catalog and Exam Week dates appear on the Academic Calendar. For classes beginning after 5:15pm, exams begin at the regular time on the first scheduled class day during Exam Week. Final exam information is published on the Course Listing and on the syllabus for every course; exams take place in the regularly scheduled classroom unless other arrangements are made in advance.

With few exceptions,* all courses must meet at the designated exam time even if an actual exam is not being given. Unless excused in advance by the Dean of the School of Undergraduate Studies, a student not reporting for a scheduled exam will receive an automatic failure for the exam missed.

* Certain types of courses do not have a final exam scheduled - these include FYIN-100; CARE-101; PHED or VARS courses; private music lessons and performance ensembles; lab experiences connected to a lecture; internships; fieldwork; practicum; and student teaching courses. Check with the Instructor if there are any questions.

Policy on Sex Discrimination, Sexual Harassment and Sexual Violence

Please Note: This policy was modified in April 2011 to ensure that Chestnut Hill College procedures are in compliance with the guidance issued by the Office for Civil Rights on April 4, 2011 relating to college and universities’ obligations under Title IX to respond appropriately to allegations of sexual harassment and sexual violence. Sexual harassment and sexual violence are forms of sex discrimination prohibited by Title IX.

Policy Statement

It is the policy of Chestnut Hill College that while employed or enrolled at Chestnut Hill College no administrator, faculty member, staff member or student shall be subject to discrimination based upon sex, which includes sexual harassment or sexual violence, by another member of the College community. This policy is referred to as the College's Policy on Sexual Harassment and Sexual Violence. Included within this Policy is the College’s commitment to protect the individuals who are involved in an investigation of a potential violation of this Policy against retaliation from any member of the College community. Such retaliation will be deemed a separate basis for violating the College's Sexual Harassment Policy and Sexual Violence.

Policy Rationale

Chestnut Hill College values appropriate relationships, respect for all and shared responsibility. Therefore, Chestnut Hill College is committed to fostering an educational and working environment that is free from sexual harassment and from sexual violence. 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 prompted us to form a Policy on Sexual Harassment and Sexual Violence.

The 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 Chestnut Hill College values into daily professional lives and to integrate the Chestnut Hill College Mission Statement into college policy. The purpose of this policy is:

~ To educate the community on the definitions 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

Discrimination or harassment on the bias of sex is a violation of Section 703 of Title VII of the 1964 Civil Rights Action and Title IX of the Educational Amendments of 1972. Unwelcome sexual advancements, requests for sexual favors, and other verbal, non-verbal or physical conduct of a sexual nature constitutes 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 the 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.

Sexual violence means physical acts perpetrated against a person’s will or where an individual is incapable of giving consent. A number of acts fall within this category, such as, rape, sexual assault, sexual battery and sexual coercion. The definition of sexual misconduct can take many forms:

~ Rape/Date Rape/Acquaintance Rape: Sexual intercourse or penetration (vaginal, oral, or anal), with any object, accomplished by force or without consent
~ Non-Consensual Sexual Contact/Sexual Assault: Sexual touching or fondling by force or without consent
~ Sexual Exploitation: Any act involving sexual behavior which places a person in a degrading, exploitative, abusive or humiliating situation (e.g. posting photographs of a sexual nature online)

**Scope of Policy**

This 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. Title IX protects students from sexual harassment in a school’s educational programs and activities.

Employees are protected from sexual discrimination in all phases of their employment including applications, job performance and salary and promotions.

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.

Title IX also prohibits gender based harassment based upon sex or sex-stereotyping.

**To Report 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 or sexual violence, herein Complainants, shall submit their complaint to a Designated Complaint Officer. Designated Complaint Officers are:

~ The Assistant to the President for Administration and Special Projects/215.248.7167
~ The Vice President for Financial Affairs/215.248.7084
~ The Vice President for Academic Affairs/215.248.7022
~ The Vice President for Student Life/215.248.7030

Statements may also be made to any security officer, administrator or faculty member who will assist the complainant in contacting the appropriate Designated Complaint Officer. The Complaint Officer will notify the President of all complaints. The College will follow the procedures set out in this Policy and promptly begin its investigation of the facts presented.

**Responsibilities**

All members of the Chestnut Hill 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 Complaint Officer 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 Complaint Officer if they have reason to believe sexual harassment, in any form, is occurring. Individuals who believe that they have been subject to sexual harassment are responsible for informing a Complaint Officer 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 re-
sponsibility 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 sexual harassment and sexual violence be kept confidential by the person bringing the claim, by any witness interviewed, as well as the person alleged to be the harasser. In all cases, the College will advise the complaining employee or student and the accused of the outcome of the investigation.

Reporting Sexual Harassment or Violence in Any Form
If you have been subjected to sex discrimination, or an act of sexual misconduct, which includes sexual harassment or sexual violence, you are urged to immediately report the incident. You may also want to report the event to a close friend, roommate, Resident Assistant, staff, faculty, family member, etc. who can support you through the initial medical treatment (if necessary) and reporting of the events. If you have been the victim of sexual violence you are urged to immediately report the incident to the police.

If you have been the victim of an act of sexual misconduct you may be wondering what to do next. Here are some of your options:

~ Get to a place where you feel physically and emotionally safe.
~ Contact someone you trust to stay with you for moral support.
~ Immediately report the incident to the appropriate College personnel.
~ Immediately report the incident to the police by calling 911.
~ It is important to seek medical care so you can be treated for injuries and tested for pregnancy and sexually transmitted diseases. The following area hospitals have Rape Crisis Centers: Abington Hospital, Thomas Jefferson University Hospital, Episcopal Hospital and Bryn Mawr Hospital. These locations have staff that are specially trained to provide medical attention to victims of sexual assault. If you need transportation it can be arranged through Security or a member of the Student Life staff. Addresses and phone numbers are included below.
~ Avoid showering, bathing, douching or cleaning in any other way to help preserve medical evidence if you chose to prosecute. Any clothes, sheets or other items that may be considered evidence should be stored in paper (not plastic) bags. If you are still wearing the clothes you had on at the time of the assault be sure to bring a change of clothes with you to the hospital.

To make a report of an act of sexual misconduct on campus you may contact Security, the Vice President for Student Life, the Assistant to the President for Administration and Special Projects, or seek out another member of the College community with whom you feel comfortable (this may include a coach, advisor, etc.). You may also decide to make a report directly to the police and you can do so by dialing 911. You will have to make a decision whether you want to cooperate with the police in their investigation of the incident.

Helpful Contact Information
Contact Emergency Services and the Police by calling 911. Please note that the resources below are located in or around the Philadelphia area. For locations outside of the Philadelphia area, please call 911.

<table>
<thead>
<tr>
<th>Chestnut Hill College Contacts</th>
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<tbody>
<tr>
<td>Security</td>
<td>215.242.7777</td>
</tr>
<tr>
<td>Vice President for Student Life</td>
<td>215.248.7030</td>
</tr>
<tr>
<td>Dean of Student Life</td>
<td>215.248.7142</td>
</tr>
<tr>
<td>Assistant to the President for Administration and Special Projects</td>
<td>215.248.7167</td>
</tr>
<tr>
<td>Counseling Center</td>
<td>215.248.7104</td>
</tr>
<tr>
<td>Campus Ministry</td>
<td>215.248.7095</td>
</tr>
<tr>
<td>Health Services</td>
<td>215.248.7011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medical Care for Sexual Assault</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Abington Hospital Rape Crisis Center</td>
<td><a href="http://www.amh.org">www.amh.org</a> 215.481.2000 120 Old York Road, Abington, PA 19001</td>
</tr>
<tr>
<td>Thomas Jefferson University Hospital</td>
<td><a href="http://www.jeffersonhospital.org">www.jeffersonhospital.org</a> 215.955.6763 239</td>
</tr>
</tbody>
</table>
You may choose to pursue the incident through the College's hearing process, you may choose to prosecute through the police, you may choose to do both or you may choose to file a police report and not follow through with any College action. Once the matter is reported to the College, the College will investigate the situation even if you chose not to cooperate with the College. You should not feel pressured into any option; you may want to consult with your family before making a decision. If you do choose to have the case handled through the College, you can expect the following things:

**Campus Response to Information of Sexual Harassment or Sexual Violence**

To assure a prompt and equitable resolution to the complaint, you will be asked to provide an initial Statement reporting the specifics of your incident, names of individuals, date, time, place, specifics which occurred, witnesses to the events described, etc. This Statement will start the College's investigation of the events reported.

~ An investigation will be conducted once a Statement is filed; Statements may be filed by you (the impacted individual), by a parent or by a third party.
~ If requested, every effort will be made to investigate the incident confidentially. The College cannot promise complete confidentiality. Information can only be shared within the College if there is a “legitimate educational need.” In order for information to be shared outside of the College, a complainant would need to give explicit permission or that information would need to be subpoenaed. It should be noted that the College’s ability to thoroughly investigate and resolve incidents of sexual misconduct may by limited should the complainant not want his or her name or any identifiable information shared.
~ The person who makes the report is the complainant and the individual named in the report is the respondent.
~ The respondent will be asked to provide their version of the events. The complainant's statement will be shared with the respondent.
~ The respondent’s statement will be shared with the complainant.
~ In the event there is little or no dispute between the versions of the events and the respondent admits the conduct, the matter may be resolved without a hearing at the discretion of the Complaint officer or designated investigator. The appropriate discipline may be imposed by the College based upon the facts admitted during the investigation. If the complainant concurs with the College’s resolution, the matter is concluded without the need for a hearing.
~ Even when there is significant difference in the facts related by the complainant and respondent, the College may impose interim measures on the respondent.
~ If the facts are in dispute, and the Complaint Officer or investigator concludes there is a basis to move forward, a private disciplinary hearing will be held where the complainant and respondent will each be treated without prejudice or bias and where each will only be asked to answer questions relevant to the specific misconduct under consideration. The hearing officer will be appointed consistent with the Hearing and Appeal Procedures described hereafter.
~ The College will use its best efforts to complete its investigation within 14 business days of the date it receives the Statements and to schedule a disciplinary hearing within another 7 business days.
~ The parties may mutually agree to extend these time periods.
~ This hearing will not be, and may not be, taped; all parties are expected to keep the information from the hearing confidential or they may face disciplinary action.
~ Every effort will be made to expedite College hearings (pending necessary investigation of fact).
The respondent may face interim suspension from the College prior to the hearing, during the hearing or during deliberation.

Both parties need to submit any additional documentation to the hearing officer at least 48 hours prior to the hearing; the hearing officer will share this information with the respective parties. Both parties will be shown a copy of the Statements provided by the other party; this includes Statements from any witnesses of fact.

At least 72 hours notice will be given to appear at the hearing and a written decision, complete with sanctions, will be received within 10 business days after the hearing.

If desired, the complainant will be permitted to attend the entire hearing. If the complaint chooses not to attend the hearing, he or she will be offered the opportunity to submit a written statement of fact to be read at the hearing. If the respondent fails to appear he or she may submit a written statement of fact to be read at the hearing. If either party declines to participate, the hearing will move forward and no adverse inference will be drawn.

Once the original Statement has been filed, the College will use its best efforts to process the incident (this includes investigation of facts, hearing notification, the hearing, deliberation, notification of the outcome of the hearing and the appeal process) within 60 business days.

Character witnesses are not permitted at the hearing. In determining a remedy, the College may take into consideration the prior disciplinary history of the respondent.

The College utilizes preponderance of evidence as the standard of proof in disciplinary proceedings; this standard is met if the proposition is more likely to be true than not true. Preponderance of evidence is the acceptable standard for civil cases.

The complainant and respondent will be notified of the outcome of the hearing; this notification will be made in writing and will occur as concurrently as possible.

The process will terminate if the respondent is no longer a student or employee.

The College will cooperate to the extent permitted by law with criminal proceedings.

The College does not condone retaliation towards the respondent or the complainant. Any claims of retaliation will be investigated and those individuals will be subject to disciplinary action.

Mediation will not be used to resolve sexual violence complaints.

Both parties have the right to appeal. A letter of appeal should be addressed to the Vice President for Student Life (if the appellee is a student) or to the Assistant to the President for Administration and Special Projects (if the appellee is an employee) within 3 business days of receipt of decision. This letter should include fact based reasoning for appeal, such as failure to abide by existing procedures, failure to consider relevant information, etc.

The parties will receive written notice of an appeal decision within 10 business days. Additional details about the Appeal Process are described below.

**Hearing and Appeal Process**

Upon receipt of a Statement involving a student or students, the Vice President for Student Life may assign a designee to investigate the matter. Hearings will be adjudicated by the Residence Coordinators, Assistant Director of Residence Life, Director of Residence Life, Dean of Student Life or the Vice President for Student Life. In reports of sexual violence, hearings will be handled by the Dean of Student Life or a designee from the Vice President for Student Life.

Upon receipt of a Statement involving faculty members or employees of the College, the Assistant to the President for Administration and Special Projects will investigate the matter or assign a designee to do so. Impartial hearing officer(s) will be appointed by the President to conduct the hearing.

Following the conclusion of the hearing, respondents will receive written notice of a decision, including sanctions if applicable, within 10 business days. When determining sanctioning, the following factors will be taken into account: severity of the incident, past judicial record, attitude and willingness to make amends.

A party wishing to appeal a hearing decision must do so in writing within 3 business days of receipt of the decision. A letter of appeal should be addressed to the Vice President for Student Life; or the Assistant to the President for Administration and Special Projects, as appropriate. This letter should include fact based reasoning for appeal, this may include evidence of improper or inadequate procedure, prejudicial conduct and/or disproportionate penalty.

Appeals will go to the College Appeal’s Board. The College Appeal’s Board will consist of faculty, staff, administrators or students as appointed by the President. The non-appealing party will be notified that the appeal has been filed. Once it is formed, the Appeal’s Board will notify the parties if additional documentation is requested and the time period for its submission. Both parties will receive written notice of the ap-
peal decisions within 10 business days after the Appeal's Board has received any additional documentation it may request. Sanctions, such as interim suspension from College housing or from the College itself, may be imposed during the appeals process at the decision of the Vice President for Student Life or the Assistant to the President for Administration and Special Projects.

**Title IX Coordinator**
The College designates Michele Mocarsky, Director of Human Resources (215.248.7036), as its Title IX coordinator for the 2011-2012 Academic Year. Any questions or complaints regarding the College's Policy or its implementation should be promptly brought to the attention of Ms. Mocarsky.

**Record Keeping**
After a matter is concluded, the individual who conducted the investigation shall prepare a written summary of the matter. The purpose of the summary is to ensure the College is aware of repeat incidents by the same individual and for record keeping purposes so the College can evaluate the effectiveness of its anti-harassment policy and procedures. This summary will be kept in a separate file, which may be consulted for the two purposes stated.

**Cancellation of Scheduled Classes/Notification Process**
The School of Undergraduate Studies reserves the right to cancel any course with insufficient enrollment and to restrict certain courses to special populations. The Office of the Registrar will do its best to notify students of a cancellation so that an alternative choice can be made. All cancellation notices are sent to the student's official @CHC email address.

**Participation in Assessment Research Policy**
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 Instructor along with the work. Students will never be individually identifiable in any assessment report.

**Syllabi Policy**
Every Instructor will provide a syllabus for each course he/she is teaching. 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 - 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.

**Policies Outlined in the Chestnut Hill College Student Handbook**
Please see the current academic year's Chestnut Hill College Student Handbook for details on the following policies, which are applicable to all Chestnut Hill College students: Student Code of Conduct, various Student Life Policies, Missing Student Notification, and Substance Abuse Policies.

**Notification of Rights under FERPA**
A copy of this information is emailed to every student's @CHC email account at the beginning of the semester and is always available online and in the Office of the Registrar. The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. A student should submit to Deborah Ebbert, Registrar, a written request that identifies the record(s) the student wishes to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not main-
(2) The right to request the amendment of the student’s education records that the student believes are inaccurate, misleading, or otherwise in violation of the student’s privacy rights under FERPA. A student who wishes to ask the College to amend a record should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student’s right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to provide written consent before the College discloses personally identifiable information from the student’s education records, except to the extent that FERPA authorizes disclosure without consent. The College discloses education records without a student’s prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record to fulfill his or her professional responsibilities for the College.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is Family Policy Compliance Office/U.S. Department of Education/400 Maryland Avenue, SW/Washington, DC 20202.

FERPA Waiver Request
Students who wish to authorize release of their academic information to parents, guardians, spouses or any other individual may do so by signing a FERPA Waiver Request and submitting it to the Office of the Registrar. A sample Waiver may be found at the end of the catalog.

By signing a FERPA Waiver Request, the student is waiving his/her rights under the Family Education Rights and Privacy Act and is asking that grades, grade point averages, course schedules, or academic standing be released to the named person(s) indicated on the waiver. The requested information will be released to the named person(s), either by mail or in person with photo identification, when the named person makes a written request for the information.

Please note that absolutely no non-directory information relating to academic status (e.g., grades and/or grade point average) will be released by telephone or email whether or not a waiver is submitted. Also, please note that the submission of a Waiver does not include the release of student CHC email or Portal passwords.

Financial Aid
FERPA provides an exception regarding the release of education records information without the consent of the student when the release is related to financial aid. The disclosure is permitted if the information is necessary to determine eligibility for the aid; determine the amount of aid; determine the conditions for the aid; and/or enforce the terms and conditions of the aid.

Release of Information Via Telephone
Although FERPA does not preclude an institution from disclosing Non-Directory Information via telephone to the student or a FERPA Waiver contact, it is the College’s policy that no Non-Directory Infor-
information relating to academic status (e.g., grades and/or grade point average) will be released by telephone, whether or not a waiver is submitted.

Billing information, including tuition and fee charges, outstanding balances, and financial aid information, will be communicated via telephone providing the student or FERPA Waiver can correctly answer personally identifiable questions that only the student or FERPA Waiver contact would be able to answer. These questions may include, but are not limited to, CHC Id Number, Permanent address on file, High School or previous College attended, and currently enrolled courses.

**Statement Regarding Dependent Students**
Institutions are not required to disclose information from the student’s education records to a parent of a dependent student. Chestnut Hill College does not accept proof of dependency status in lieu of a FERPA Waiver Request.

**School Officials**
School officials with a legitimate educational interest may access student education records within the scope of performing their job duties. A school official is deemed to have legitimate educational interest if the information requested is necessary for that official to (a) perform appropriate tasks that are specified in his/her position description of by contact agreement; (b) perform a task related to a student’s education; (c) perform a task related to the discipline of a student; (d) provides a service of benefit relating to the student or student’s family. Disclosure to a school official having a legitimate educational interest does not constitute authorization to share that information with a third party without written consent.

**Statement Regarding Transfer of Education Records**
Chestnut Hill College does not release education records to any external third-party, including disciplinary records, without a signed request.

**Campus Security/Police Records**
To remain exempt from FERPA, law enforcement records are created by the College’s law enforcement unit, for a law enforcement purpose, and are maintained separately from education records.

**Statement Regarding Reissuing Academic Documents**
Chestnut Hill College does not re-release official copies of documents submitted for admission, scholarship application, or any other academic reason. Requested copies of materials in a student’s academic file will bear a “FILE COPY” watermark.

**Release of Information Under Special Circumstances**
Records may be released to parents without a signed FERPA Waiver Request from the student under certain exceptions. These include: health or safety emergency; or where the student has been found in violation of the College’s code of conduct relating to the use of alcohol and/or another controlled substance if the student is under the age of 21.

**Notification of Student’s Right to Non-Disclosure of Directory Information**
FERPA requires institutions to give public notice to students in attendance of the categories of personally identifiable information which the institution has designated as Directory Information.

Institutions may disclose Directory Information about former students without meeting the notification requirement; however, if a student has requested, at his or her last opportunity as a student, that Directory Information not be disclosed, the institution must continue to honor that request until informed to the contrary by the former student. If requested to withhold directory information by a student after he or she has left the institution, institutions may, but are not required to, comply with the request.

**Types of Information Which May be Designated as Directory Information**
Chestnut Hill College hereby designates the following information as public or ‘Directory Information.’ Such information may be disclosed without a student’s previous consent by the College for any purpose, at its discretion:
~ Student Name(s)
~ Address (local, permanent, and email)*
~ Telephone number (local and permanent)
~ Date and place of birth
~ Program major(s)/concentration(s), and minor(s)
~ Student activities including athletics
~ Dates of attendance
~ Date of graduation, degrees sought/conferred, and other academic awards
~ Most recent previous school attended and/or High School
~ Academic awards and scholarships, including Dean's List
~ Full or Part-time status

* Address information is not provided without a request indicating a reason for the information.

**Procedure to Withhold Directory Information**
Chestnut Hill College will not partially withhold Directory Information, so students are advised to think carefully before withholding disclosure as this may prevent third-parties from obtaining critical information in a timely manner, including degree conferral and enrollment verification.

To withhold disclosure of Directory Information, written notification must provided. Chestnut Hill College assumes that failure on the part of any student to specifically request the withholding of Directory Information indicates individual approval for disclosures. If you wish to restrict the release of Directory Information, please contact Deborah Ebbert, Registrar, who will explain the ramifications and provide a statement for you to sign as indication you do not want Directory Information released. Chestnut Hill College/Deborah Ebbert, Registrar/9601 Germantown Avenue, Philadelphia, PA 19118; 215.248.7005; 215.242.7714 (fax); registrar@chc.edu; www.chc.edu/registrar.
Degrees and Programs
ART HISTORY, ART STUDIO, MUSIC, and MUSIC EDUCATION
Kathleen McCloskey, SSJ, MMEd, Assistant Professor of Music - Chairperson of the Music and Music Education Departments
Suzanne Conway, MA, Associate Professor of Art History - Coordinator of Art History and Art Studio

Art History and Art Studio
Suzanne Conway, MA, Associate Professor of Art History - Coordinator of Art History and Art Studio
Kathleen Szpila, SSJ, PhD, Assistant Professor of Art History
Margaret Thompson, SSJ, MFA, Associate Professor of Art

Art History and Art Studio courses offer students opportunities to minor in Art History or Art Studio 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 History, Art Studio, and Music deepen their understanding of human nature and of themselves. Through a variety of approaches to creative expression, students develop observation and listening skills as they engage in analysis, criticism, response, and production experiences.

General Course Options
All of the Art History courses and many or the Art Studio courses are available for 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. Courses are 3 credits unless indicated and may not be offered every semester. Check the Course Descriptions for information on the following:

Art History:
- ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
- ARTH-102: Western Art-Early Renaissance to Modern (WOK: Artistic)
- ARTH-183: 17th Century Art (WOK: Artistic)
- ARTH-186: Rococo to Revolution (WOK: Artistic)
- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)
- ARTH-201: Historical Survey of Women Artists (WOK: Artistic)
- ARTH-212: Looking at Landscape Design (WOK: Artistic)
- ARTH-261: Early Italian Renaissance Art (WOK: Artistic)
- ARTH-280: The Art of Black Africa (WOK: Artistic)
- ARTH-281: Special Topics in Art History/Topics vary by semester (Repeatable for credit/WOK: Artistic)
- ARTH-481: Advanced Special Topics in Art History/Topics vary by semester (Repeatable for credit/WOK: Artistic)

Art Studio:
- ARTS-115: Book Arts
- ARTS-120: Art by Heart: Design and Culture from the Global Village (WOK: Artistic)
- ARTS-121: Introduction to Drawing Techniques (WOK: Artistic)
- ARTS-131: Introduction to Painting (WOK: Artistic)
- ARTS-134: Introduction to Watercolor Painting (WOK: Artistic)
- ARTS-172: Introduction to Color My World (WOK: Artistic)
- ARTS-281: Special Topics in Art Studio/Topics vary by semester (Repeatable for credit/WOK: Artistic)
- ARTS-481: Advanced Special Topics in Art Studio/Topics vary by semester (Repeatable for credit/WOK: Artistic)

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. An Independent Study (ARTH-490) may be available with appropriate permissions. Students must earn a grade of C- (1.70)
or better in courses required to successfully complete the requirements for the minor. 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. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ ARTH-101: Western Art—Prehistoric to Gothic (WOK: Artistic)
~ ARTH-102: Western Art—Early Renaissance to Modern (WOK: Artistic)

Four additional courses (12 credits) in Art History chosen from the following:
~ ARTH-185: 17th Century Art (WOK: Artistic)
~ ARTH-186: Rococo to Revolution
~ ARTH-190: American Art (WOK: Artistic)
~ ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
~ ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)
~ ARTH-193: American Architecture
~ ARTH-201: Historical Survey of Women Artists (WOK: Artistic)
~ ARTH-212: Looking at Landscape Design (WOK: Artistic)
~ ARTH-261: Early Italian Renaissance Art (WOK: Artistic)
~ ARTH-280: The Art of Black Africa (WOK: Artistic)
~ ARTH-281: Special Topics in Art History/Topics vary by semester (Repeatable for credit)
~ ARTH-282: Michelangelo and His Times (WOK: Artistic)
~ ARTH-401: Internship in Art History
~ ARTH-481: Advanced Special Topics in Art History/Topics vary by semester (Repeatable for credit)

Minor in Art Studio ~ 18 credits
The Art Studio minor 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. 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. An Independent Study (ARTS-490) may be available with appropriate permissions. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. Students interested in an Art Studio minor should speak with Margaret Thompson, SSJ, Room 500, St. Joseph Hall. Telephone: 215.248.7042. Email: mthompson@chc.edu. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ ARTS-121: Drawing Techniques (WOK: Artistic)
~ ARTS-131: Painting (WOK: Artistic)
~ ARTS-120: Art by Heart: Design and Culture from the Global Village
~ ARTS-172: Color My World: Color and Design from the Global Village

One Art Studio course focusing on 3-D (3 credits) chosen from the following:
~ ARTS-102: Ceramics
~ ARTS-115: Book Arts
~ ARTS-220: Intermediate Art by Heart
~ ARTS-272: Intermediate Color My World

One Open Studio course (3 credits) chosen from the following:
~ ARTS-134: Introduction to Watercolor Painting
~ ARTS-202: Intermediate Ceramics
~ ARTS-221: Intermediate Drawing
~ ARTS-231: Intermediate Painting
~ ARTS-234: Intermediate Watercolor Painting
~ ARTS-281: Special Projects in Art Studio/Topics vary by semester (Repeatable for credit)
~ ARTS-481: Advanced Special Projects in Art Studio/Topics vary by semester (Repeatable for credit)
Music Performance and Music Education
Kathleen McCloskey, SSJ, MMEd, Assistant Professor of Music - Chairperson of the Music and Music Education Departments
Barbara Glennon, SSJ, DMA, Professor of Music
Edward Strauman, PhD, Associate Professor of Music
David W. Samson, PhD, Assistant Professor of Music

Chestnut Hill College offers both Bachelor of Music (BM) in Music Performance with Concentration (see below), and Bachelor of Science (BS) in Music Education degrees, as well as minors in Music and Jazz Performance. Besides the degrees and minors offered, the Department gives all students the opportunity to participate in the musical life of the College. Students in any program are welcome to join any of the performing ensembles, take private lessons, or take music courses available as a part of the Core Curriculum. For information about the department, its offerings or the audition process, please contact Kathleen McCloskey, SSJ, Room M27, St. Joseph Hall. Telephone: 215.248.7194. Email: kmcclosk@chc.edu.

Audition Process
All prospective Music Performance and Music Education Majors must complete an audition process in which they perform selections on their major instrument as well as take diagnostic examinations in both Music Theory and Aural Skills.

Advanced Placement
The College does not accept scores from the Advanced Placement Music Theory examination as an equivalent to any Music courses or electives.

Departmental 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. 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 will appear on the academic transcript.

General Course Options
In addition to private lessons, there are many other Music courses available to students looking to fulfill an Artistic Way of Knowing, or expand on interests without pursuing a minor. These 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 and may not be offered every semester. Check the Course Descriptions for information on the following courses:

~ MUSC-101: Music in Western Culture (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 (WOK: Artistic)
~ MUSC-180: Jazz Improvisation I (1 credit)
~ MUSC-190: Music and Technology (2 credits)
~ 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 Lessons for Non-Majors
The Music Department offers private music instruction in voice or on selected instruments in the form of weekly lessons to all interested students regardless of Major or ability. All MUSL courses earn 0.5 academic credit each, are repeatable for credit, and are graded Pass/Fail only. Lesson times and days are arranged with the Instructor. Please note that there is an additional fee of $465 per semester for each lesson that is assessed at the time of registration.

~ MUSL-141: Beginning Piano I to MUSL-442: Advanced Piano II
~ MUSL-143: Beginning Voice I to MUSL-444: Advanced Voice II
~ MUSL-145: Beginning Violin/Viola I to MUSL-446: Advanced Violin/Viola II
~ MUSL-157: Beginning Trumpet I to MUSL-458: Advanced Trumpet II
~ MUSL-163: Beginning Clarinet I to MUSL-464: Advanced Clarinet II
~ MUSL-165: Beginning Saxophone I to MUSL-466: Advanced Saxophone II
~ MUSL-169: Beginning Percussion I to MUSL-470: Advanced Percussion II
~ MUSL-171: Beginning Guitar I to MUSL-472: Advanced Guitar II
~ MUSL-173: Beginning Flute I to MUSL-474: Advanced Flute II
~ MUSL-180: Beginning String Bass I to MUSL-481: Advanced String Bass II
~ MUSL-190: Beginning Baritone Horn I to MUSL-491: Advanced Baritone Horn II

Music Performance Opportunities
The Music Department offers students a variety of performance opportunities and any student, regardless of Major, is welcome to join any of these ensembles; although, some previous experience or audition may be required. All MUSP courses are 1.0 Non-Academic credit and are graded Pass/Fail. MUSP courses are not included in the maximum 18 credits per semester.

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

Music Performance
Music Performance Concentration Options
Students majoring in Music Performance choose a Concentration: Music Performance/Vocal Majors have Voice as their Concentration; Music Performance/Instrumental Majors must declare a Concentration indicating the Primary Instrument. The following Concentrations are approved for study, but other instruments may be considered at the discretion of the department:

Cello French Horn Saxophone Tuba
Clarinet Guitar String Bass Viola
Euphonium Percussion Trombone Violin
Flute Piano Trumpet

Applied Lessons, Additional Lessons, and Required Performances
Majors, regardless of Concentration, must enroll in one private lesson on their Primary Instrument or Voice every semester with a minimum of 4 credits required for graduation. Students must also enroll in Piano lesson every semester with a minimum of 4 credits required. If the student’s Primary Instrument is Piano, lessons on a secondary instrument or voice must be taken with a minimum of 4 credits required. All MUSA-Applied Lesson courses are 0.5 academic credit each, are repeatable for credit, and are graded with a letter grade. Lesson times/days are arranged with the Instructor.

As a part of the requirements for each Applied Lessons course, students must perform both in public and in private every semester. Applied Lessons culminate in the Senior Recital. Students should consult the Music Department Handbook for information on benchmark requirements including performing in the Wednesday Recital Program, successful completion of a Piano Proficiency Test, concert attendance, completion of an Upper Level Review, and public Junior and Senior Recital performances.
Additional Lessons
Majors are welcome to take additional lessons beyond the two built into the program, however, any extra lessons must be taken under the MUSL prefix. MUSL courses are graded Pass/Fail and do not include a performance opportunity. They are repeatable for credit and earn 0.5 academic credit each. Please note that there is an additional fee of $465 per semester/per MUSL course assessed at the time of registration.

~ MUSL-143: Beginning Voice I to MUSL-444: Advanced Voice II
~ MUSL-145: Beginning Violin/Viola I to MUSL-446: Advanced Violin/Viola II
~ MUSL-149: Beginning Cello I to MUSL-450: Advanced Cello II
~ MUSL-153: Beginning Trombone/Euphonium I to MUSL-454: Adv Trombone/Euphonium II
~ MUSL-157: Beginning Trumpet I to MUSL-458: Advanced Trumpet II
~ MUSL-163: Beginning Clarinet I to MUSL-464: Advanced Clarinet II
~ MUSL-165: Beginning Saxophone I to MUSL-466: Advanced Saxophone II
~ MUSL-169: Beginning Percussion I to MUSL-470: Advanced Percussion II
~ MUSL-171: Beginning Guitar I to MUSL-472: Advanced Guitar II
~ MUSL-173: Beginning Flute I to MUSL-474: Advanced Flute II
~ MUSL-180: Beginning String Bass I to MUSL-481: Advanced String Bass II
~ MUSL-190: Beginning Baritone Horn I to MUSL-491: Advanced Baritone Horn II

Minor Selection
Because of the nature of the Music Performance degree, Majors are strongly encouraged to consult with their Faculty Advisors regarding minor studies. Suggested minors for Music Performance Majors are those in Business, Psychology, Sociology, and/or Religious Studies.

Major in Music Performance
Concentration in Voice ~ 57 total credits
Chestnut Hill College offers the Bachelor of Music (BM) in Music Performance. 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 to successfully complete the requirements for the Major. An Independent Study (MUSC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ MUSC-105: Aural Skills I
~ MUSC-106: Aural Skills II
~ MUSC 120: Introduction to Western Music (WOK: Artistic)
~ MUSC-190: Music and Technology I (2 credits)
~ MUSC-201: Theory I
~ MUSC-202: Theory II
~ MUSC-212: Keyboard Harmony (2 credits)
~ MUSC-218: Basic Conducting (2 credits)
~ MUSC-221: Western Music I/Medieval-Baroque (Writing Intensive)
~ MUSC-222: Western Music II/Classical-21st Century
~ MUSC-301: Theory III
~ MUSC-302: Theory IV
~ MUSC-307: Counterpoint
~ MUSC-309: Orchestration
~ MUSC-498: Senior Seminar
~ MUSA-398: Junior Recital (0 credit)
~ MUSA-498: Senior Recital (0 credit)

Performance Courses that must be taken every semester until minimum is met:
~ MUSP-357: The Hill Singers (0.5 Non-Academic credits each/minimum 4 Non-Academic credits)
~ MUSP-100: Recital Performance Attendance (0 credit)

One private lesson in Voice each semester (0.5 credits each/minimum 4 credits):
~ MUSA-143: Beginning Voice I
One private lesson in Piano each semester (0.5 credits each/minimum 4 credits):

- MUSA-141: Beginning Piano I
- MUSA-142: Beginning Piano II
- MUSA-241: Intermediate Piano I
- MUSA-242: Intermediate Piano II
- MUSA-341: Intermediate Piano III
- MUSA-342: Intermediate Piano IV
- MUSA-441: Advanced Piano I
- MUSA-442: Advanced Piano II

Also Required:

- PHYS-107: Science and Music (WOK: Scientific)

Sample Bachelor of Music: Music Performance Major/Concentration in Voice/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Also Required:

- PHYS-107: Science and Music (WOK: Scientific)

Sample Bachelor of Music: Music Performance Major/Concentration in Voice/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Also Required:

- PHYS-107: Science and Music (WOK: Scientific)
Major in Music Performance
Concentration in Piano ~ 57 total credits

Chestnut Hill College offers the Bachelor of Music (BM) in Music Performance. 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 to successfully complete the requirements for the Major. An Independent Study (MUSC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:

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~ MUSC-301: Theory III
~ MUSC-302: Theory IV
~ MUSC-307: Counterpoint
~ MUSC-309: Orchestration
~ MUSC-498: Senior Seminar
~ MUSA-398: Junior Recital (0 credit)
~ MUSA-498: Senior Recital (0 credit)

Performance courses that must be taken every semester until minimum is met:
~ MUSP-355: Wind Ensemble (0.5 Non-Academic credits each/minimum 4 credits)
~ MUSP-100: Recital Performance Attendance (0 credit)

One private lesson in Piano each semester (0.5 credits each/minimum 4 credits):
~ MUSA-141: Beginning Piano I
~ MUSA-142: Beginning Piano II
~ MUSA-241: Intermediate Piano I
~ MUSA-242: Intermediate Piano II
~ MUSA-341: Intermediate Piano III
~ MUSA-342: Intermediate Piano IV
~ MUSA-441: Advanced Piano I
~ MUSA-442: Advanced Piano II

One private lesson in Secondary Instrument each semester (0.5 credits each/minimum 4 credits):
~ MUSA-143: Beginning Voice I to MUSA-444: Advanced Voice II
~ MUSA-145: Beginning Violin/Viola I to MUSA-446: Advanced Violin/Viola II
~ MUSA-149: Beginning Cello I to MUSA-450: Advanced Cello II
~ MUSA-153: Beginning Trombone/Euphonium I to MUSA-454: Adv Trombone/Euphonium II
~ MUSA-157: Beginning Trumpet I to MUSA-458: Advanced Trumpet II
~ MUSA-163: Beginning Clarinet I to MUSA-464: Advanced Clarinet II
~ MUSA-165: Beginning Saxophone I to MUSA-466: Advanced Saxophone II
~ MUSA-169: Beginning Percussion I to MUSA-470: Advanced Percussion II
~ MUSA-171: Beginning Guitar I to MUSA-472: Advanced Guitar II
~ MUSA-173: Beginning Flute I to MUSA-474: Advanced Flute II
~ MUSA-180: Beginning String Bass I to MUSA-481: Advanced String Bass II
~ MUSA-190: Beginning Baritone Horn I to MUSA-491: Advanced Baritone Horn II

Also Required:
~ PHYS-107: Science and Music (WOK: Scientific)
Sample Bachelor of Music: Music Performance Major/Concentration in Piano/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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**Upper Level Review/ Piano Proficiency Test**

**Senior Recital**

### Major in Music Performance

**Concentration in a Primary Instrument ~ 57 credits**

Chestnut Hill College offers the Bachelor of Music (BM) in Music Performance. 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 to successfully complete the requirements for the Major. An Independent Study (MUSC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**

- MUSC-105: Aural Skills I
- MUSC-106: Aural Skills II
- MUSC-120: Introduction to Western Music (WOK: Artistic)
- MUSC-190: Music and Technology I (2 credits)
- MUSC-201: Theory I
- MUSC-202: Theory II
- MUSC-212: Keyboard Harmony (2 credits)
- MUSC-218: Basic Conducting (2 credits)
- MUSC-221: Western Music I/Medieval-Baroque (Writing Intensive)
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- MUSC-301: Theory III
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- MUSC-307: Counterpoint
- MUSC-309: Orchestration
- MUSC-498: Senior Seminar
- MUSA-398: Junior Recital (0 credit)
- MUSA-498: Senior Recital (0 credit)
Performance courses that must be taken every semester until minimum is met:
- MUSP-355: Wind Ensemble (0.5 Non-Academic credits each/minimum 4 credits)
- MUSP-100: Recital Performance Attendance (0 credit)

One private lesson in Primary Instrument each semester (0.5 credits each/minimum 4 credits):
- MUSA-143: Beginning Voice I to MUSA-444: Advanced Voice II
- MUSA-145: Beginning Violin/Viola I to MUSA-446: Advanced Violin/Viola II
- MUSA-149: Beginning Cello I to MUSA-450: Advanced Cello II
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- MUSA-441: Advanced Piano I
- MUSA-442: Advanced Piano II

Also Required:
- PHYS-107: Science and Music (WOK: Scientific)

Sample Bachelor of Music: Music Performance Major/Concentration in Primary Instrument/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

![Course Chart](chart.png)
Minor in Music ~ 18 total credits (not all may be academic credits)
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (MUSC-490) may be available with appropriate permissions. An individualized minor may be developed in consultation with the Music Department. Courses are 3 credits unless indicated and may not be offered every semester. Standard requirements:

~ MUSC-105: Aural Skills I
~ MUSC-106: Aural Skills II

One of the following combinations of Music courses:
~ MUSC-103: Introduction to Music Theory
  OR
~ MUSC-120: Introduction to Western Music (WOK: Artistic)
  AND
~ MUSC-201: Theory I
  OR
~ MUSC-201: Theory I
  AND
~ MUSC-202: Theory II

One Music course (3 credits) from the following:
~ MUSC-101: Music in Western Culture (WOK: Artistic)
~ MUSC-107: Native Peoples of North America (WOK: Artistic)
~ MUSC-120: Introduction to Western Music (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 (WOK: Artistic)
~ MUSC-203: Sounds of the World (WOK: Artistic)

Two semesters of any combination of:
~ MUSP-355: Wind Ensemble Performance (0.5 Non-Academic credit/may be repeated)
~ MUSP-357: The Hill Singers (0.5 Non-Academic credit/may be repeated)

Any combination of four courses (2 credits minimum) from the following:
~ MUSP: Music Performance courses (0.5 Non-Academic credit)
~ MUSL: Music Lessons (additional fee of $465 per semester applies to all MUSL courses/0.5 credit)

Minor in Jazz Performance ~ 18 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (MUSC-490) may be available with appropriate permissions. Contact Edward Strauman, Room M-24, St. Joseph Hall, Music Corridor; Telephone: 215.753.3634; Email: strauman@chc.edu. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ MUSC-129: History of Jazz (WOK: Artistic)
~ MUSC-180: Jazz Improvisation I
~ MUSC-181: Jazz Improvisation II
~ MUSC-310: Jazz Arranging

One course (3 credits) chosen in consultation with Dr. Strauman:
~ MUSC-144: Creating, Recording, and Marketing a Song (WOK: Artistic)
~ MUSC-252: The Business of Music

Six courses (3 credits total) of any combination of:
~ MUSP-359: Jazz Ensemble Performance (0.5 Non-Academic credit/may be repeated)
~ MUSP-381: Jazz Improvisation Workshop (0.5 Non-Academic credit/may be repeated)
Music Education
Chestnut Hill College offers the Bachelor of Science (BS) in Music Education leading to Pennsylvania Department of Education certification. Students should consult the Music Department Handbook for information on the department’s benchmark requirements including creating a portfolio, performing in the Wednesday Recital Program, successful completion of a Piano Proficiency Test, concert attendance, completion of an Upper Level Review, and a public Senior Recital performance.

Before students may register for MUSE-420: Student Teaching, the Pennsylvania Department of Education (PDE) requires they meet the following requirements:

~ Have completed a minimum 190 hours of field experience
~ Have passing scores in all appropriate exams required by PDE (PAPA/Praxis II series)*
~ Hold a Career GPA of 3.00 or higher*

*Students with a Career GPA of 2.80-2.99 may be permitted to register for MUSE-420 if they pass the requisite PDE exams with a higher qualifying score. Consult the PDE website for information on passing scores for all requisite exams.

Additional Lessons
Majors are welcome to take additional lessons beyond the two built into the program, however, any extra lessons must be taken under the MUSL prefix. MUSL courses are graded Pass/Fail and do not include a performance opportunity. They are repeatable for credit and earn 0.5 academic credit each. Please note that there is an additional fee of $465 per semester/per MUSL course assessed at the time of registration.

~ MUSL-143: Beginning Voice I to MUSL-444: Advanced Voice II
~ MUSL-145: Beginning Violin/Viola I to MUSL-446: Advanced Violin/Viola II
~ MUSL-149: Beginning Cello I to MUSL-450: Advanced Cello II
~ MUSL-153: Beginning Trombone/Euphonium I to MUSL-454: Adv Trombone/Euphonium II
~ MUSL-157: Beginning Trumpet I to MUSL-458: Advanced Trumpet II
~ MUSL-163: Beginning Clarinet I to MUSL-464: Advanced Clarinet II
~ MUSL-165: Beginning Saxophone I to MUSL-466: Advanced Saxophone II
~ MUSL-169: Beginning Percussion I to MUSL-470: Advanced Percussion II
~ MUSL-171: Beginning Guitar I to MUSL-472: Advanced Guitar II
~ MUSL-173: Beginning Flute I to MUSL-474: Advanced Flute II
~ MUSL-180: Beginning String Bass I to MUSL-481: Advanced String Bass II
~ MUSL-190: Beginning Baritone Horn I to MUSL-491: Advanced Baritone Horn II

Major in Music Education ~ 81 total credits
A minimum Career GPA of 2.00 and a minimum Major GPA of 2.00 are required for graduation (a 3.00 GPA is required to register for MUSE-420: Music Education Student Teaching). 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 to successfully complete the requirements for the Major. An Independent Study (MUSE-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ MUSC-105: Aural Skills I
~ MUSC-106: Aural Skills II
~ MUSC-120: Introduction to Western Music (WOK: Artistic)
~ MUSC-201: Theory I
~ MUSC-202: Theory II
~ MUSC-212: Keyboard Harmony (2 credits)
~ MUSC-218: Basic Conducting (2 credits)
~ MUSC-221: Western Music/Medieval-Baroque (Writing Intensive)
~ 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
~ MUSE-159: Choral Methods (0.5 credit)
~ MUSE-161: String Methods I (0.5 credit)
~ MUSE-162: String Methods II (0.5 credit)
~ MUSE-163: Guitar Methods (0.5 credit)
~ MUSE-165: Woodwind Methods I (0.5 credit)
~ MUSE-166: Woodwind Methods II (0.5 credit)
~ MUSE-167: Brass Methods I (0.5 credit)
~ MUSE-168: Brass Methods II (0.5 credit)
~ MUSE-170: Percussion Methods (0.5 credit)
~ MUSE-290: Music and Technology (2 credits)
~ MUSE-350: Music Ed/Elementary School
~ MUSE-351: Music Ed/Middle and High School
~ MUSE-420: Student Teaching (9 credits)
~ MUSE-421: Student Teaching Seminar
~ MUSA-498: Senior Recital (0 credit)

Also Required:
~ PHYS-107: Science and Music (WOK: Scientific)
~ MATH-231: Basic Math Theory/Applications I (WOK: Problem Solving)

One Math course (3 credits) chosen from the following:
~ 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus (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-233: Basic Mathematical Theory and Applications III (WOK: Problem Solving)
~ MATH-231: 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)

Performance courses that must be taken every Fall and Spring semester except when taking MUSE-420:
~ MUSP-357: The Hill Singers (0.5 Non-Academic credits each/minimum 3.5 credits)
~ MUSP-100: Recital Performance Attendance (0 credit)

One private lesson in Piano each semester (0.5 credits each/minimum 3.5 credits):
~ MUSA-141: Beginning Piano I
~ MUSA-142: Beginning Piano II
~ MUSA-241: Intermediate Piano I
~ MUSA-242: Intermediate Piano II
~ MUSA-341: Intermediate Piano III
~ MUSA-342: Intermediate Piano IV
~ MUSA-441: Advanced Piano I
~ MUSA-442: Advanced Piano II

One MUSA private lesson in Primary Instrument/Voice, or Secondary Instrument/Voice if the Primary Instrument is Piano, each semester (0.5 credits each/minimum 3.5 credits):
~ MUSA-143: Beginning Voice I to MUSA-444: Advanced Voice II
~ MUSA-145: Beginning Violin/Viola I to MUSA-446: Advanced Violin/Viola II
~ MUSA-149: Beginning Cello I to MUSA-450: Advanced Cello II
~ MUSA-153: Beginning Trombone/Euphonium I to MUSA-454: Adv Trombone/Euphonium II
~ MUSA-157: Beginning Trumpet I to MUSA-458: Advanced Trumpet II
~ MUSA-163: Beginning Clarinet I to MUSA-464: Advanced Clarinet II
~ MUSA-165: Beginning Saxophone I to MUSA-466: Advanced Saxophone II
~ MUSA-169: Beginning Percussion I to MUSA-470: Advanced Percussion II
~ MUSA-171: Beginning Guitar I to MUSA-472: Advanced Guitar II
~ MUSA-173: Beginning Flute I to MUSA-474: Advanced Flute II
~ MUSA-180: Beginning String Bass I to MUSA-481: Advanced String Bass II
~ MUSA-190: Beginning Baritone Horn I to MUSA-491: Advanced Baritone Horn II

Minor in Special Education ~ 16 credits
Courses are required for all Education program Majors. 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 and may not be offered every semester. Requirements:

~ EDSP-312: Reading Interventions for Diverse Learners
~ EDSP-340: Introduction to Special Education
~ EDSP-390: ESL Foundations/Methods
~ MUSE-320: Music for Diverse Learners (4 credits)

One Educational Psychology course (3 credits) chosen from the following:
~ EDP4-202: Educational Psychology/Early Years (WOK: Behavioral)
~ EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)

Sample Bachelor of Science/Music Education Major/minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 123.5

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Take PAPA Series

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Upper Level Review/ Piano Proficiency Test

Take Praxis II Fundamental Subjects: Content Knowledge Exam

Senior Recital/ Exit Criteria Met
BRAIN

Chestnut Hill College offers a Bachelor of Science (BS) in Accounting, a Bachelor of Science (BS) in Management, 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, and International Business. Interested students should contact Garry Flower, DeSales Center #6. Telephone: 215.248.7180. Email: flowerg@chc.edu.

Advanced Placement

Students who receive a score of 3, 4, or 5 on the Microeconomics Advanced Placement test will receive 3 credits equivalent to ECON-102: Principles of Microeconomics. Students who receive a score of 3, 4, or 5 on the Macroeconomics test will receive 3 credits equivalent to ECON-101: Principles of Macroeconomics.

Departmental Honors and Honor Societies

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. 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 will appear on the academic transcript.

Established at the College in 2006, Sigma Beta Delta, the International Honor Society for Business, Management, and Administration, encourages and recognizes scholarship and accomplishment among students of business, management, and administration. Eligibility for election to membership is limited to those students that rank in the upper 20% 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 semester of academic work in the Business Department.

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 a student-run organization in which career development, ethical leadership, and collaborative teamwork skills are the main focus.

General Course Options

There are Business courses available to undergraduates looking to fulfill a Way of Knowing requirement 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 Pre-Requisites. Courses are 3 credits unless indicated and may not be offered every semester. Check the Course Descriptions for information on the following courses:

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

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. 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**

Chestnut Hill College offers the Bachelor of Science (BS) in 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 to successfully complete the requirements for the Major. An Independent Study (ACCT-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**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
~ BUSN-120: Law and the Business Enterprise
~ BUSN-498: Senior Seminar
~ FINA-304: Corporate Finance
~ MGMT-204: Organization and Management of Human Resources (Writing Intensive)
~ 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 (WOK: Behavioral)
~ ECON-102: Microeconomic Principles
~ ECON-201: Principles of Finance: Money and Banking
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus
~ MATH-227: Introduction to Probability and 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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit; these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 120**

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Management
The Management curriculum is designed to provide the student with knowledge in the basic areas of accounting, economics, finance, marketing, operations management, and entrepreneurship.

Major in Management ~ 67 credits
Chestnut Hill College offers a Bachelor of Science (BS) in Management. 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 to successfully complete the requirements for the Major. An Independent Study (MGMT-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
- ACCT-103: Financial Accounting
- ACCT-104: Managerial Accounting
- ACCT-213: Cost Accounting
- BUSN-104: Introduction to Business (WOK: Behavioral)
- BUSN-120: Law and the Business Enterprise
- BUSN-498: Senior Seminar
- FINA-304: Corporate Finance
- MGMT-105: Principles of Management
- MGMT-204: Organization and Management of Human Resources (Writing Intensive)
- MGMT-300: Operations Management

One Management course (3 credits) chosen from the following:
- MGMT-302: Entrepreneurship
- MGMT-303: Strategic Management

Three Management courses (9 credits) chosen from the following:
- MGMT-205: Project Management
- 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)
- MKTG-203: Marketing Principles

Also Required:
- ECON-101: Macroeconomic Principles (WOK: Behavioral)
- ECON-102: Microeconomic Principles
- ECON-201: Principles of Finance: Money and Banking
- ECON-211: Introduction to Global Economics
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
- MATH-227: Introduction to Probability and Statistics (WOK: Problem Solving)

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>CARE-101 (1 cr)*</td>
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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. An Independent Study (MGMT-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ ACCT-103: Financial Accounting (WOK: Problem Solving)
~ BUSN-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:
~ ACCT-104: Managerial Accounting (WOK: Behavioral)
~ ECON-102: Principles of Microeconomics (WOK: Behavioral)
~ ECON-201: Principles of Finance: Money and Banking (WOK: Behavioral)
~ MGMT-204: Organization and Management of Human Resources (Writing Intensive)
~ MKTG-203: Principles of Marketing (WOK: Behavioral)

One optional course (3 credits) may be taken. Choices include the following:
~ BUSN-102: Business Ethics (WOK: Behavioral)
~ BUSN-120: Law and the Business Enterprise (WOK: Behavioral)
~ BUSN-252: The Business of Music
~ COMM-210: Interpersonal Communication (WOK: Behavioral)
~ MGMT-105: Principles of Management
~ PSYC-111: Industrial/Organizational Psychology (WOK: Behavioral)

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.

Major in Marketing ~ 67 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Marketing. 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 to successfully complete the requirements for the Major. An Independent Study (MKTG-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ ACCT-103: Financial Accounting
~ ACCT-104: Managerial Accounting
~ BUSN-104: Introduction to Business (WOK: Behavioral)
~ BUSN-120: Law and the Business Enterprise
~ BUSN-498: Senior Seminar in Business
~ FINA-304: Corporate Finance
~ MKTG-203: Marketing Principles
~ MKTG-205: Consumer Behavior
~ MKTG-310: Marketing Research
~ MKTG-365: Marketing Management
One Management course (3 credits) chosen from the following:
- MGMT-302: Entrepreneurship
- MGMT-303: Strategic Management

Three Marketing courses (9 credits) chosen from the following:
- MKTG-206: International Marketing
- MKTG-253: Retailing
- MKTG-254: Advertising
- MKTG-255: Public Relations
- MKTG-256: Personal Selling and Sales Force Management
- MKTG-401: Internship in Marketing
- MGMT-204: Organization and Management of Human Resources (Writing Intensive)

Also Required:
- CMTC-180: Introduction to Microsoft Access (1 credit)
- CMTC-285: Management Information Systems
- ECON-101: Principles of Macroeconomics (WOK: Behavioral)
- ECON-102: Principles of Microeconomics
- ECON-201: Principles of Finance: Money and Banking
- MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-202: Math for Management II/Applied Calculus
- MATH-227: Introduction to Probability and 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>Minor #1 or elective</td>
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International Business, Language and Culture
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, Spanish, or another language and culture, and a foundation for graduate study. Other language options are possible with the permission of the department. This may require additional study at other institutions at home or abroad. Native speakers of French or Spanish may take up to 12 credits of the required 21 in another language. Supporting courses in other departments complement the Major requirements. Students should discuss any plans for a second Major or minor with an advisor as soon as possible. Also offered is the minor in International Business, Language and Culture. For assistance with the Major or minor, please contact Sr. Mary Helen Kashuba, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu.

Departmental 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. All stu-
ents 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 will appear on the academic transcript.

**International Experience Abroad**

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

**International Internship Experience:** An approved internship in an organization located in a country where the major language is spoken. The experience must receive prior approval of the Chairs of the Business and Foreign Language Departments 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. Please note: 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. Although this is strongly recommended, it does not fulfill the International Experience Abroad Requirement. 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 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:** 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. The program must include courses taught in the major language.

**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 and surveys of management practices. The student must complete a report in the target language. The student must receive approval from the Chairs of the Business and Foreign Language Departments prior to the start of the Tour.

**Major in International Business, Language and Culture**

*Concentration in French ~ 79 credits*

Chestnut Hill College offers the *Bachelor of Science (BS) in International Business, Language, and Culture (IBLC)*. 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* to successfully complete the requirements for the Major. An Independent Study (IBLC-490) may be available with appropriate permissions. One semester abroad is highly recommended. Students work with their Faculty 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. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**

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

One French Literature course (3 credits) chosen from the following:
FREN-281: Topics in French/Topics vary by semester (Repeatable for credit)
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-481: Advanced Special Topics in French/Topics vary by semester (Repeatable for credit)

One French course (3 credits) from the above list or from the following:
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
ECON-201: Principles of Money and Banking
ECON-211: Introduction to Global Economics
FREN-104: Intermediate French II, if warranted by placement
FREN-222: French for Oral Proficiency (Native speakers substitute a course recommended by the Advisor)
MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
MATH-227: Introduction to Probability Statistics
PSCI-341: International Political Economy

Major in International Business, Language and Culture
Concentration in Spanish ~ 79 credits

Chestnut Hill College offers the Bachelor of Science (BS) in International Business, Language, and Culture (IBLC.) 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 to successfully complete the requirements for the Major. An Independent Study (IBLC-490) may be available with appropriate permissions. One semester abroad is highly recommended. Students work with their Faculty 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. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
IBLC-498: Senior Seminar in IBLC
ACCT-103: Financial Accounting (WOK: Behavioral)
ACCT-104: Managerial Accounting
BUSN-101: International Business
FINA-304: Corporate Finance
FINA-352: International Financial Management
MGMT-304: Culture in International Business Decision-Making
MKTG-203: Marketing Principles
MKTG-206: International Marketing
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 Spanish Literature course (3 credits) from the following:
~ 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 Spanish course (3 credits) from the above list or from the following:
~ SPAE-103: 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
~ ECON-201: Principles of Money and Banking
~ ECON-211: Introduction to Global Economics
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
~ MATH-227: Introduction to Probability and Statistics
~ PSCI-341: International Political Economy
~ SPAN-104: Intermediate Spanish II (if warranted by placement)
~ SPAN-222: Advanced Conversation (Native speakers substitute a course recommended by the Advisor).

Sample Bachelor of Science: IBLC Major/Concentration in either French or Spanish/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Major in International Business, Language and Culture
Concentration in Approved Language (Chinese, German, Italian, or Russian) ~ 79 credits

Chestnut Hill College offers the Bachelor of Science (BS) in International Business, Language, and Culture (IBLC.) 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 to successfully complete the requirements for the Major. An Independent Study (IBLC-490) may be available with appropriate permissions. One semester abroad is highly recommended. Students work with their Faculty 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. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ IBLC-498: Senior Seminar in IBLC
~ ACCT-103: Financial Accounting (WOK: Behavioral)
~ ACCT-104: Managerial Accounting
~ BUSN-101: International Business
~ FINA-304: Corporate Finance
~ FINA-352: International Financial Management
~ MGMT-304: Culture in International Business Decision-Making
~ MKTG-203: Marketing Principles
~ MKTG-206: International Marketing
~ 6 courses (18 credits) in the approved language, some of which may be taken at other institutions*

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
~ ECON-201: Principles of Money and Banking
~ ECON-211: Introduction to Global Economics
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
~ MATH-227: Introduction to Probability Statistics
~ PSCI-341: International Political Economy

One course (3 credits) chosen from the following:
~ CHIN-104: Intermediate Chinese II
~ GERM-104: Intermediate German II
~ ITAL-104: Intermediate Italian II
~ RUSS-104: Intermediate Russian II

* The Faculty Advisor will determine appropriate courses and assist students with registration for courses at other institutions. Additional tuition may be assessed depending upon the institutions offering the courses.

Sample Bachelor of Science: IBLC Major/Concentration in an Approved Language/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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## 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, 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 policies on culture. 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. An Independent Study course may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. **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 any one foreign language course (3 credits) at the 200-Level or above.

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Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information Sciences, and the 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 Combined Master's degree in Instructional Technology is offered in conjunction with the graduate Instructional Technology program. The Department offers six minors that draw from both the Computer Science and Computer Technology curriculums: Computer Science, Digital Forensics, Information Management, Programming, Management Information Systems, and Web/Multimedia Design. Interested students should contact Dr. Lisa Olivieri, SSJ, Room 170, 4th Floor, St. Joseph Hall. Telephone: 215.248.7092. Email: lolivieri@chc.edu.

**Departmental Mission**

The mission of the Computer Science and Information Technology Department is to provide its students with a value-oriented technologically-rich education, enabling them to become reflective self-learners, equipped with the expertise necessary to be of service to one another and to the world. While coursework within the Department ranges from theoretical to applied, courses are designed to allow students to grow in knowledge and respect of the world of technology, but most importantly to grow in knowledge and respect of themselves and of the world through the lens of technology.

**Internship Opportunities**

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 the opportunity to develop a project that reflects their expertise in their chosen discipline.

**Advanced Placement**

Students who receive a score of 3, 4, or 5 on the Computer Science A Advanced Placement test will receive 4 credits in Computer Science equivalent to 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.

**Departmental Honors and Honor Societies**

Outstanding students in 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. 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 will appear on the academic transcript.
Qualified students may be invited to join *Epsilon Pi Tau*, the International Honor Society for Technology. Students need to complete at least 18 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 and have approval of the Department.

Students majoring in Computer and Information Science may be invited by the Department to join *Sigma Zeta*, the national science and mathematics honor society founded in 1925. The society is dedicated to encouraging and fostering the attainment of knowledge in mathematics, computer science, and the natural sciences. Criteria for eligibility for membership include a minimum of 15 credits in the Major, a grade point average of 3.00 in the Major, and a 3.00 Career GPA.

**Clubs**

Chestnut Hill College students from all Majors who are interested in technology 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 interested in participating in the Club should contact Saul Senders in Room 212, 2nd Floor, St. Joseph Hall. Telephone: 215.753.3633. Email: ssenders@chc.edu, or any member of the Club.

**Proficiency Requirements for All Students**

All students must demonstrate proficiency in the following areas:

- Microsoft Excel - Introductory level (CMTC-103: Introduction to Microsoft Excel)
- Microsoft PowerPoint - Intermediate level (CMTC-185: Intermediate PowerPoint)

If students have sufficient background in any of these areas, they should take the Proficiency Test administered by the Computer Science and Information Technology Department. If the results are not successful, they register for the 1-credit course indicated above. Courses taken to fulfill a Computer Proficiency must be passed with a grade of C or better to satisfy the proficiency requirement.

**General 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 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:

**Computer and Information Sciences:**

- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving)
- CMSC-205: Systems Analysis and Design (WOK: Problem Solving)
- CMSC-210: Programming in Java (4 credits/WOK: Problem Solving)
- CMSC-279: Computer Science: History, Trends, and Ethical Issues

**Computer and Information Technology:**

- 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 Using Illustrator
- CMTC-210: Computer Graphics Design Using 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.
Students declaring a Major in Computer and Information Sciences should schedule an initial placement interview with a member of the faculty either at the 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 ~ 63 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information Sciences. 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 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. An Independent Study (CMSC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**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-279: Computer Science: History, Trends, and Ethical Issues
- CMSC-285: Algorithms in AI and Robotics
- CMSC-300: Application Development and Design
- CMSC-311: Research Methods in Computer and Information Science (Writing Intensive) **
- 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

**One course (3 credits) chosen from the following:**
- CMDF-200: Introduction to Computer Forensics
- CMSC-281: Special Topics in Computer Science/Topics vary by semester (Repeatable for credit)
- CMSC-481: Advanced Special Topics in Computer Science/Topics vary by semester (Repeatable for credit)

**Also Required:**
- CMSC-190: Introduction to Computer Hardware and Peripherals *
- CMSC-230: Introduction to Data Communications
- CMTC-280: Database Programming
- MATH-262: Probability and Statistics
- MATH-261: Discrete Methods in Mathematics

**One Math course (3 credits) chosen from the following:**
- MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
- MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)

**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)

* 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates
courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation:** 121

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<td>PHED #2*</td>
<td>CARE-101 (1 cr)*</td>
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**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. An Independent Study (CMSC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. **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 Computer Science courses (6 credits) chosen from the following:

- CMSC-205: Systems Analysis and Design
- CMSC-279: Computer Science: History, Trends, and Ethical Issues
- CMSC-285: Algorithms in AI and Robotics
- CMSC-300: Application Development
- CMSC-321: Communications and Networks
- CMSC-405: Programming Languages

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

**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. Students majoring in Computer and Information Technology select a Concentration in one of four areas:

- Management Information Systems
- Programming
- Web/Multimedia Development
- Digital Forensics (*prepares students for the ACE certification in Digital Forensics*)

Students declaring this Major 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 ~ 52 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information 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 to successfully complete the requirements for the Major. An Independent Study (CMTC-490/CMDF-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**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: Database Programming
- CMTC-330: Introduction to Visual Basic Programming (4 credits)
- CMTC-311: Research Methods in Computer and Information Technology (Writing Intensive) **
- CMTC-401: Internship in Computer and Information Technology
- CMTC-498: Senior Seminar: Computer and Information Technology
- CMDF-200: Introduction to Digital Forensics
- CMDF-220: Legal Issues in Digital Forensics I
- CMDF-240: Legal Issues in Digital Forensics II
- CMDF-300: Advanced Digital Forensics
- CMDF-320: Legal and Technical Writing in Digital Forensics
- CMSC-190: Introduction to Programming Logic (WOK: Problem Solving) *
- CMSC-279: Computer Science: History, Trends, and Ethical Issues

**Also Required:**
- CRJU-225: Criminal Procedure (WOK: Behavioral)
- Choice of any MATH course above MATH-100 (placement contingent upon Math Proficiency Test Score)

*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.

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

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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</table>
Major in Computer and Information Technology
Management Information Systems Concentration ~ 55 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information 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** to successfully complete the requirements for the Major. An Independent Study (CMTC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

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: Database Programming
- ~ CMTC-285: Management Information Systems
- ~ CMTC-300: Web Design: xHTML and JavaScript
- ~ CMTC-311: Research Methods in Computer and Information Technology (Writing Intensive) **
- ~ CMTC-330: Introduction to Visual Basic Programming (4 credits/WOK: Problem Solving)
- ~ CMTC-401: Internship in Computer and Information Technology
- ~ CMTC-498: Senior Seminar: Computer and Information Technology

Also Required:
- ~ BUSN-104: Introduction to Business (WOK: Behavioral)
- ~ CMSC-190: Introduction to Programming Logic*
- ~ CMSC-205: Systems Analysis and Design (WOK: Problem Solving)
- ~ CMSC-279: Computer Science: History, Trends, and Ethical Issues
- ~ MGMT-105: Principles of Management
- ~ MGMT-205: Project Management

Choice of any MATH course above MATH-100 (placement contingent upon Math Proficiency Test Score)

*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.

** Student must earn a grade of C or better.

Sample Bachelor of Science: Computer and Information 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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**Major in Computer and Information Technology**

**Web and Multimedia Development Concentration ~ 52 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information 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 to successfully complete the requirements for the Major. An Independent Study (CMTC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**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 Using Illustrator
- CMTC-210: Computer Graphics Design Using Photoshop
- CMTC-260: Applied Operating Systems
- CMTC-280: Database Programming
- CMTC-300: Web Design: xHTML and JavaScript
- CMTC-311: Research Methods in Computer and Information Technology (Writing Intensive)**
- CMTC-320: Presentations in Multimedia Using Flash
- CMTC-330: Introduction to Visual Basic Programming (4 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-279: Computer Science: History, Trends, and Ethical Issues
- COMM-221: Video Design and Production I

**Choice of any MATH course above MATH-100 (placement contingent upon Math Proficiency Test Score)**

*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.

** Student must earn a grade of C or better.

**Recommended but not required:**

- COMM-203: Visual Literacy
- COMM-252: Writing for Electronic Media (Writing Intensive)

Sample Bachelor of Science: Computer and Information 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 120**

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<td>PHED #2 (1 cr)*</td>
<td>Minor #3 or elective</td>
<td>CARE-101 (1 cr)*</td>
</tr>
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<tr>
<td>Year One Spring - 15/16</td>
<td>Year Two Spring - 15</td>
<td>Year Three Spring - 14</td>
<td>Year Four Spring - 16</td>
</tr>
<tr>
<td>CMTC-200</td>
<td>CMTC-210</td>
<td>CMTC-311 (WI)</td>
<td>CMTC-330 (4 cr)</td>
</tr>
<tr>
<td>ENGL-101</td>
<td>CMTC-280</td>
<td>CMTC-320</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>WOK or elective</td>
<td>ETHS-201</td>
<td>PSPK-101 (1 cr)</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>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/Swim Test (1 cr)*</td>
<td></td>
<td>Elective (1 cr)</td>
<td></td>
</tr>
</tbody>
</table>

*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.

** Student must earn a grade of C or better.

**Recommended but not required:**

- COMM-203: Visual Literacy
- COMM-252: Writing for Electronic Media (Writing Intensive)
Major in Computer and Information Technology
Programming Concentration ~ 57 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Computer and Information 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 to successfully complete the requirements for the Major. An Independent Study (CMTC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

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: Database Programming
- CMTC-300: Web Design: xHTML and JavaScript
- CMTC-311: Research Methods in Computer and Information Technology (Writing Intensive) **
- CMTC-330: Introduction to Visual Basic Programming (4 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 *
- CMSC-210: Programming in Java (4 credits/WOK: Problem Solving)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-279: Computer Science: History, Trends, and Ethical Issues
- CMSC-285: Algorithms in AI and Robotics
- CMSC-300: Application Development
- CMSC-405: Programming Languages

Choice of any Math course above MATH-100 (placement contingent upon Math Proficiency Test Score)

One Computer Science course (3 credits) chosen from the following:
- CMSC-281: Special Topics in CMSC/Topics vary by semester (Repeatable for credit)
- CMSC-350: Computer Architecture and Logic Design (4 credits)
- CMSC-481: Advanced Special Topics in CMSC/Topics vary by semester (Repeatable for credit)

* 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 and Information Technology 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<tr>
<th>Year One Fall - 15/16</th>
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<td>CMSC-251 (4 cr)</td>
<td>CMSC-279</td>
<td>CMSC-300</td>
</tr>
<tr>
<td>CMTC-190 or elective</td>
<td>CMTCT-260</td>
<td>CMTC-300</td>
<td>CMTC-405</td>
</tr>
<tr>
<td>FILA-120</td>
<td>MATH above 100</td>
<td>CMTC-405</td>
<td>CMTC-498</td>
</tr>
<tr>
<td>Language-103</td>
<td>WOK or elective</td>
<td>Minor #2 or elective</td>
<td>CMSC elective</td>
</tr>
<tr>
<td>RLST-104</td>
<td>WOK or elective</td>
<td>PHED #2 (1 cr)*</td>
<td>Minor #4 or elective</td>
</tr>
<tr>
<td>FYIN-120 (1 cr)*</td>
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<td></td>
<td>CARE-101 (1 cr)*</td>
</tr>
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<table>
<thead>
<tr>
<th>Year One Spring - 12/13</th>
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<th>Year Three Spring - 16</th>
<th>Year Four Spring - 15</th>
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<tr>
<td>CMSC-210 (4 cr)</td>
<td>CMTC-280</td>
<td>CMTC-311 (WI)</td>
<td>CMSC-285</td>
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<tr>
<td>CMTC-230</td>
<td>ETHS-201</td>
<td>CMTC-330 (4 cr)</td>
<td>Minor #5 or elective</td>
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<td>ENGL-101</td>
<td>GLST-201</td>
<td>RLST-2XX</td>
<td>Minor #6 or elective</td>
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<tr>
<td>WOK or elective</td>
<td>PSPK-101 (1 cr)</td>
<td>Minor #3 or elective</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1/ Swim Test (1 cr)*</td>
<td>Minor #1 or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
</tbody>
</table>
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 and may not be offered every semester. Requirements:

~ CMTC-190: Introduction to Computer Hardware and Peripherals
~ CMTC-200: Introduction to Web Design and Development
~ CMTC-230: Introduction to Data Communications
~ CMTC-280: Database Programming
~ 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 and may not be offered every semester. Requirements:

~ CMTC-200: Introduction to Web Development and Design
~ CMTC-201: Designing Websites
~ CMTC-205: Computer Graphics Design Using Illustrator
~ CMTC-210: Computer Graphics with Photoshop
~ CMTC-300: Web Design: xHTML and JavaScript
~ CMTC-320: Presentations in Multimedia Using Flash

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 and may not be offered every semester. 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)
~ CMTC-330: Introduction to Visual Basic Programming (4 credits)

Two Computer Science courses (6 credits) chosen from the following:
~ CMSC-281: Special Topics in CMSC/Topics vary by semester (Repeatable for credit)
~ CMSC-285: Algorithms in AI and Robotics
~ CMSC-300: Application Development
~ CMSC-481: Advanced Special Topics in CMSC/Topics vary by semester (Repeatable for credit)
~ CMTC-280: Database Programming

Minor in Management Information Systems ~ 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 and may not be offered every semester. Requirements:

~ CMTC-190: Introduction to Computer Hardware and Peripherals
~ CMTC-230: Introduction to Data Communications
~ CMTC-260: Applied Operating Systems
~ CMTC-280: Database Programming
~ CMTC-285: Management Information Systems
~ CMSC-205: Systems Analysis and Design (WOK: Problem Solving)

Minor in Digital Forensics ~ 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 and may not be offered every semester. Requirements:

~ CMDF-200: Introduction to Digital Forensics (See Pre-Requisites)
~ CMDF-220: Legal Issues/Digital Forensics I
~ CMDF-240: Legal Issues/Digital Forensics II
Combined Program in Instructional Technology (BS/MS)
The combined 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.

Students interested in the Combined Program should contact their Faculty Advisor to determine if they are qualified for the program. Then they meet with the coordinator of the graduate program and obtain an application from Graduate Admissions.

Beginning the summer before the student’s Junior year, the student is permitted to take at least one graduate course in Instructional Technology most semesters. During the summer following the Senior year, the student may take two graduate courses and then complete the remaining required graduate courses during the fifth year of study. Because of the intense nature of this program, students should discuss any plans for a minor with a Faculty 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for BS: 121 (Credits required for the MS: 30)

<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.</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 plus one graduate course.</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>No courses required.</td>
<td>No courses required.</td>
<td>Take one graduate course.</td>
</tr>
</tbody>
</table>
Chestnut Hill College offers the Bachelor of Science (BS) in Early Education (PreK to Grade 4) and the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4 to 8), which, upon successful completion of all requirements, may lead to Pennsylvania Department of Education (PDE) Certification. The BS in Elementary/Middle-Level Education offers concentrations in:

- English/Reading/Language Arts (ERLA)
- English/Reading/Language Arts and Math
- English/Reading/Language Arts and Science
- Social Studies
- Science and Math

The Secondary Education Certification Program awards students a Co-Major in Secondary Education. All programs include a minor in Special Education. For information, please contact Dr. Carol Pate, 4th Floor, St. Joseph Hall. Telephone: 215.248.7127. Email: cmpate@chc.edu.

Preliminary Early Education or Elementary/Middle-Level Education Majors

Although a student will be classified as an Early Education (PreK to Grade 4)/Preliminary or Elementary/Middle-Level Education (Grades 4 to 8)/Preliminary Major by virtue of acceptance into the College; however, formal acceptance into either Major occurs before or during the Junior year. Requirements for formal acceptance appear in this catalog. Being classified as an Early Education (PreK to Grade 4)/Preliminary or Elementary/Middle-Level Education (Grades 4 to 8)/Preliminary Major upon College acceptance does not infer nor guarantee formal acceptance into either program. Special note for transfer students: Requirements for transfer students will be determined on an individual basis by a Faculty Advisor and the Education Department.

Departmental Mission

The Department of Education’s programs combine a sound liberal arts education with specific training in educational and child/adolescent 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 and to foster a deep commitment to teaching and lifelong learning.

Departmental Honors, Honor Societies, and Memberships

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. In the Education programs, Departmental Honors includes the creation of a Senior Seminar Thesis that is more ambitious in both length and breadth than the required thesis. 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 Honors Thesis will appear on the academic transcript.

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, service, and professional ideals among its members. Students are invited when they meet requirements for admission to any of the Education programs leading to PA Certification. Once accepted, members are expected to maintain a Career GPA of 3.00 or higher.
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.

**Competencies and Portfolio Development**

All Early Education, Elementary/Middle Level Education, and Secondary Education Certification Majors must meet specific competencies. Students at the College meet those competencies by successfully completing the following courses, which assist students with their Portfolio development. (See the *Education Department Handbook* for details.)

Beginning in the first year, students will begin gathering evidence (including coursework papers, observations, and education course class presentations) for review by their Faculty Advisors and also, in subsequent years, by the Instructors of Fieldwork and Clinical/Student Teaching experiences (Field Supervisors.) The Stage I, II, IIIA and IIIB Portfolio criteria have been configured to meet Danielson’s *Teaching Framework*, PDE Field Experience competencies, and NAEYC and AMMLE organization competencies. The Stage IV Portfolio has been configured to demonstrate the exit competencies that reflect an integration of the earlier field experiences. This portfolio also serves as part of the professional application process when seeking a teaching position.

**Stage I and Stage II Portfolios are completed in the following courses:**

- EDP4-203: Early Education Foundations and Observations/Field Experience I
- EDP4-304: Early Education Methods and Techniques
  or
- EDML-201: Development in the Elementary to Middle Years
- EDML-222: The Emerging Middle School
  or
- EDSC-203: Foundations of High School Education
- EDSC-315: General Methods in Secondary Education

**Stage IIIA and Stage IIIB Portfolios are completed in the following courses:**

- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environments
  and
- EDP4-321: Classroom Management and Applied Instruction/Field Experience IIIA
- EDP4-320: Assessment
  or
- EDML-321: Classroom Management and Applied Instruction/Field Experience IIIA
- EDML-320: Assessment

**Stage IV Portfolio is completed in the following courses:**

- EDP4-420: Clinical Field Experience/Student Teaching (6 credits)
- EDP4-421: Clinical/Student Teaching Seminar
  or
- EDML-420: Clinical Field Experience/Student Teaching (6 credits)
- EDML-421: Clinical/Student Teaching Seminar
  or
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)
- EDSC-421: Clinical/Student Teaching Seminar

**General Requirements for Acceptance in the Majors/Benchmarks**

**Benchmark I: Formal Acceptance into the Majors**

Students classified as Early Education (PreK to Grade 4)/Preliminary or Elementary/Middle-Level Education (Grades 4 to 8)/Preliminary Majors (Novice Candidate status) are strongly recommended to take the *Pre-Service Academic Performance Assessment* (PAPA) series in Reading, Writing, and Math before earning 48 academic credits. Students who do not pass one or more of the three tests will be advised about the assistance that is available, including the writing center, PAPA series practice tests, and other available supports.
After successfully passing the PAPA series, receiving Faculty Advisor approval of Stage I and II portfolios, and obtaining all clearances and letters of recommendation as described in the Education Department Handbook, students with a Career GPA of 2.80 or above and a Major GPA of 3.00 * or above may apply to the Department for formal acceptance into the Majors. The application is available in the Handbook or in the Department; students will be contacted in writing regarding their status.

Students who do not successfully meet all of the Benchmark 1 requirements will not be accepted into either Major at that time, and, based on Departmental discretion, may need to choose another program at the College.

* Since PDE regulations change frequently, check with a Faculty Advisor for current information.

**Benchmark 2: Successful Progression**

Students formally accepted into Early Education (PreK to Grade 4) or Elementary/Middle-Level Education (Grades 4 to 8) Majors that have maintained a Career GPA of 2.80 or above and a Major GPA of 3.00 or above* as well as having Faculty Field Supervisor approval will be considered to be making successful progression towards Clinical Experience/Student Teaching. The Education Department will move the student from Benchmark 1 to Benchmark 2. When a student is cleared to register for the Clinical Experience/Student Teaching course (EDP4-420 or EDML-420), the student moves from Novice Candidate to Candidate.

* Since PDE regulations change frequently, check with a Faculty Advisor for current information.

**Benchmark 3: Chestnut Hill College Degree Completion/ Recommendation for PDE Teacher Certification**

After the completion of all College requirements including the Stage IV Portfolio, students may be eligible to be recommended for PDE Teacher Certification by the Education Department. In the final semester, students should take the PA Education Certification Tests (PECT). Following degree conferral* and receipt of passing PECT score, students apply for PDE Teacher Certification (Instructional I) via the online system (consult the Handbook and Faculty Advisor for detailed instructions.) Once the application is completed, the Education Department will review and make recommendation.

* Students should wait until after the degree has been officially conferred by the Office of the Registrar before making their application for PDE Teacher Certification.

**Montessori Education**

Chestnut Hill College also offers Montessori Education for Preschool (3 to 6 year-olds) through the American Montessori Society. Students interested in becoming Montessori teachers 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 Education. Students enrolled in other majors may also take courses in Montessori Education. For assistance, please contact Janet Colaianni, Telephone: 215.248.7123. Email: colaiannij@chc.edu.
Early Education (Grades PreK-4)

Students must earn a grade of C or better in their Core Writing Course (ENGL-101, ENGL-105, or IDHP-210 and IDHP-220.) The Core Curriculum Public Speaking requirement is met by earning a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation.

Major in Early Education (PreK-4) ~ 72 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Early Education (PreK to Grade 4). 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 2.80 or above and completion of the Clinical Experience/Student Teaching (EDP4-420 and EDP4-421) are required for recommendation for Certification.

Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study (EDUC-490/EDP4-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Unless indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required to successfully complete the College requirements.

Required in the Major:
- EDP4-107: Movement for Children (Pending Approval)
- EDP4-201: Development in the Early Years
- EDP4-203: Early Education Foundations and Observation/Field Experience I/Stage I Portfolio
- EDP4-204: Early Education Methods and Techniques/Field Experience II/Stage II Portfolio
- EDP4-207: Early Literacy
- EDP4-210: Reading with Trade Books
- EDP4-301: Health and Safety Methods
- EDP4-311: Writing Methods and Assessment
- EDP4-315: Math Methods and Assessment
- EDP4-314: Creative Arts Methods
- EDP4-315: Math Methods and Assessment
- EDP4-317: Science Methods and Assessment
- EDP4-318: Family and Community Partners
- EDP4-320: Assessment
- EDP4-321: Classroom Management and Applied Instruction/Field Experience IIIA/Stage IIIA Portfolio
- EDUC-498: Senior Seminar in Education

Also Required:
- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) *
- MATH-232: Basic Mathematical Theory and Applications II (WOK: Problem Solving) *
- HSVC-105: Introduction to Human Services

One English Literature course (3 credits)* chosen from the following:
It is in the student’s best interest to choose a Literature course that is also Writing Intensive:
- ENGL-203: Approaches to Literature (WOK: Literary/Writing Intensive)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary/Writing Intensive)
- ENGL-301: American Novel (WOK: Literary/Writing Intensive)
- ENGL-308: British Novel (WOK: Literary/Writing Intensive)
- ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)
- ENGL-225: Eighteenth-Century British Literature (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)

*Grade of C or better is required.
Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:
- ARTH-101: Western Art - Prehistoric to Gothic (WOK: Artistic)
- ARTH-102: Western Art - Early Renaissance to Modern (WOK: Artistic)
- ARTH-185: 17th Century Art (WOK: Artistic)
- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

Recommended but not required Historical Way of Knowing courses to prepare student for Teacher Certification Test:
- HIST-101: Western Civilization: Antiquity - Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation - Present (WOK: Historical)
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

Recommended but not required Scientific Way of Knowing courses to prepare student for Teacher Certification Test:
- BIOL-101: General Biology I (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)
- PHYS-105: Physical and Earth and Space Science

Early Education (Grades PreK-4) Teacher Certification
Although a student may graduate from Chestnut Hill College with a BS in Early Education (PreK – 4) without completing Clinical Field Experience/Student Teaching, the student will NOT be considered for recommendation for PDE Teacher Certification unless EDP4-420 and EDP4-421 are successfully completed. Students that do not complete Clinical Field Experience/Student Teaching courses must ensure that they meet the minimum 120 credits required for graduation through additional elective courses.

Additional courses required to be considered for recommendation for PDE Teacher Certification:
- EDP4-420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDP4-421: Clinical/Student Teaching Seminar

* EDP4-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

Minor in Special Education ~ 18 credits
Courses are required for all Education program Majors. Students must earn a grade of C- (1.70) or better in courses required for the minor; however, they may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification, or if a higher grade is required to demonstrate competency as identified by the department. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:
- EDP4-202: Educational Psychology in the Early Years (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environments/Field Experience IIIB/Stage IIIB Portfolio
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science in Early Education (Pre K-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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Grade of C or better is required. Minimum Academic Credits required for graduation: 120.5
<table>
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<tr>
<th>Year One Fall - 15/16</th>
<th>Year Two Fall - 15</th>
<th>Year Three Fall - 15</th>
<th>Year Four Fall - 12/13</th>
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<td>FILA-120</td>
<td>EDP4-107</td>
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<td>Language-103</td>
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<td>EDSP-380</td>
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<td>RLST-104</td>
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<td>WOK (A or H)</td>
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<td>EDSP-340</td>
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<tr>
<td>FYIN-120 (1 cr)*</td>
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**TAKE PAPA SERIES**

**APPLY FOR EDSP-355: FIELD EXPERIENCE**

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<thead>
<tr>
<th>Year One Spring - 15.5/16.5</th>
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<th>Year Three Spring - 18</th>
<th>Year Four Spring - 12/13</th>
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<tr>
<td>EDP4-201</td>
<td>EDP4-204</td>
<td>EDP4-315</td>
<td>EDP4-301</td>
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<td>ENGL-101**</td>
<td>EDP4-210</td>
<td>EDP4-316</td>
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<td>MATH-232**</td>
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<td>Scientific WOK (3.5 cr)</td>
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<td>Elective</td>
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**APPLY FOR FORMAL ACCEPTANCE/BENCHMARK 1**

**APPLY FOR EDP4-420: CLINICAL FIELD EXPERIENCE/BENCHMARK 2 WHEN APPROVED**

**BENCHMARK 3 AFTER PROGRAM COMPLETION**

---

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

Majors choose a concentration for recommendation for PDE Certification in one of the following:

- English/Reading/Language Arts (ERLA)
- English/Language Arts/Reading and Math
- English/Language Arts/Reading and Science
- Social Studies
- Science and Math

Students must earn a grade of C or better in their Core Writing Course (ENGL-101, ENGL-105, or IDHP-201 and IDHP-202.) The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation.

**Major in Elementary/Middle-Level Education (Grades 4-8)**

**Concentration in English/Reading/Language Arts (ERLA) ~ 76.5 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4-8). 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 2.80 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 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 the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study course (EDUC-490/EDML-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**

- EDML-201: Development in the Elementary to Middle Years
- EDML-222: The Emerging Middle School
- EDML-310: Reading Methods I
- EDML-311: Writing Methods
- EDML-312: Reading Methods II
- EDML-315: Math Methods and Assessment
- EDML-316: Social Studies Methods and Assessment
- EDML-317: Science Methods and Assessment
- EDML-320: Assessment
- EDML-321: Classroom Management and Applied Instruction/Field Exp IIIA/Stage IIIA Portfolio
- EDUC-498: Senior Seminar in Education
Also Required:
- BIOL-101: Inquiry Into Life I (3.5 credits/WOK: Scientific)
- BIOL-106: Ecology and Environmental Issues (4 credits)
- ENGL-205: American Poetry
- ENGL-260: Ethnic Voices
- HIST-250: The Pennsylvania Experience
- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) *
- MATH-232: Basic Mathematical Theory and Applications II *
- MATH-233: Basic Mathematical Theory and Applications III *
- PHYS-105: Physical and Earth and Space Science

One History course (3 credits) chosen from the following:
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation-Present (WOK: Historical)

One American Survey course (3 credits) chosen from the following:
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

One Shakespeare course (3 credits) chosen from the following:
- ENGL-201: Shakespeare’s Heroes and Heroines
- ENGL-202: Shakespeare in Love and War

One English Literature course (3 credits) * chosen from the following:
It is in the student’s best interest to choose a Literature course that is also Writing Intensive:
- ENGL-203: Approaches to Literature (WOK: Literary/Writing Intensive)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary/Writing Intensive)
- ENGL-301: American Novel (WOK: Literary/Writing Intensive)
- ENGL-308: British Novel (WOK: Literary/Writing Intensive)
- ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)
- ENGL-225: Eighteenth-Century British Literature (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)

* Grade of C or better required.

Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:
- ARTH-101: Western Art: Prehistoric to Gothic (WOK: Artistic)
- ARTH-102: Western Art: Early Renaissance to Modern (WOK: Artistic)
- ARTH-185: 17th Century Art (WOK: Artistic)
- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

**Elementary/Middle-Level (Grades 4-8) Teacher Certification**
Although a student may graduate from Chestnut Hill College with a BS in Elementary/Middle-Level Education (Grades 4-8) without completing Clinical Field Experience/Student Teaching, the student will NOT be considered for recommendation for PDE Teacher Certification unless EDML-420 and EDML-421 are successfully completed. Students that do not complete Clinical Field Experience/Student Teaching courses must ensure that they meet the minimum 120 credits required for graduation through additional elective courses.

Additional courses required to be considered for recommendation for PDE Teacher Certification:
- EDML-420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDML-421: Clinical/Student Teaching Seminar
* EDML-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

**Minor in Special Education ~ 18 credits**
Courses are required for all Education program Majors. 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 and may not be offered every semester. Requirements:

- EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environment
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science in Elementary/Middle-Level Education (4-8)/Concentration in English, Reading, and Language Arts/Minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Grade of C or better required. Minimum Academic Credits required for graduation: 127.5

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<th>Year Two Fall - 15.5/16.5</th>
<th>Year Three Fall - 18</th>
<th>Year Four Fall – 12/13</th>
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<td>FILA-120</td>
<td>BIOL-101 (3.5 cr)</td>
<td>EDML-311</td>
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<td>HIST-101 or 102</td>
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<td>EDML-312</td>
<td>EDML-421</td>
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<td>Language-103</td>
<td>ENGL-2XX (WI)**</td>
<td>EDML-316</td>
<td>EDSP-390</td>
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<tr>
<td>MATH-231**</td>
<td>ETHS-20i</td>
<td>EDML-320</td>
<td>CARE-101 (1 cr)*</td>
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<td>MATH-233**</td>
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<td>PHED #2 (1 cr)*</td>
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<td>PHYS-105</td>
<td>HIST-141 or 142</td>
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<td>APPLY FOR EDSP-355: FIELDS EXPERIENCE</td>
<td>APPLY FOR EDSP-420: CLINICAL FIELD EXPERIENCE/BENCHMARK 2 WHEN APPROVED</td>
<td>BENCHMARK 3 AFTER PROGRAM COMPLETION</td>
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**PDE Course Breakdown**

**English and Language Art Courses-30 credits**

- ENGL-101
- FILA-120
- ENGL 200-level (Writing Intensive)
- ENGL 200-level or above
- ENGL-201 or 202
- ENGL-205
- ENGL-260
- EDML-310
- EDML-311
- EDML-312

**Science Courses-13.5 credits**

- BIOL-101 (1.5 cr)
- BIOL-106 (4 cr)
- PHYS-105
- EDML-317

**Math Courses-12 credits**

- MATH-231
- MATH-232
- MATH-233
- EDML-315

**Social Studies Courses-15 credits**

- HIST-101 or 102
- HIST-141 or 142
- HIST-250
- GLST-201
- EDML-316
Major in Elementary/Middle-Level Education (Grades 4-8)
Concentration in Social Studies - 76.5 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4-8). 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 2.80 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 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 the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study course (EDUC-490/EDML-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
- EDML-201: Development in the Elementary to Middle Years
- EDML-222: The Emerging Middle School
- EDML-310: Reading Methods I
- EDML-311: Writing Methods
- EDML-315: Math Methods and Assessment
- EDML-316: Social Studies Methods and Assessment
- EDML-317: Science Methods and Assessment
- EDML-320: Assessment
- EDML-321: Classroom Management and Applied Instruction/Field Exp IIIA/Stage IIIA Portfolio
- EDUC-498: Senior Seminar in Education

Also Required:
- BIOL-101: Inquiry Into Life I (3.5 credits/WOK: Scientific)
- BIOL-106: Ecology and Environmental Issues (4 credits)
- ECON-201: Macroeconomic Principles
- GEOG-201: World Geography: Humanity and the Environment
- HIST-250: The Pennsylvania Experience
- HSVC-257: Human Behavior and the Social Environment
- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) *
- MATH-232: Basic Mathematical Theory and Applications II *
- MATH-233: Basic Mathematical Theory and Applications III *
- PHYS-105: Physical and Earth and Space Science

One History course (3 credits) chosen from the following:
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation-Present (WOK: Historical)

One American History Survey course (3 credits) chosen from the following:
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

One English Literature course (3 credits)* chosen from the following:
* It is in the student's best interest to choose a Literature course that is also Writing Intensive:
- ENGL-203: Approaches to Literature (WOK: Literary/Writing Intensive)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary/Writing Intensive)
- ENGL-301: American Novel (WOK: Literary/Writing Intensive)
- ENGL-308: British Novel (WOK: Literary/Writing Intensive)
- ENGL-201: Shakespeare's Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)
- ENGL-225: Eighteenth-Century British Literature (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)

* Grade of C or better required.
One course (3 credits) in Political Science chosen from the following:
- 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/Writing Intensive)
- 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-240: Theories of International Relations (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 (WOK: Behavioral/Writing Intensive)
- PSCI-481: Advanced Special Topics in Political Science/Topics vary by semester (Repeatable for credit)

One additional course (3 credits) in History chosen from the following:
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western 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)
- 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)
- 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-270: History of Chestnut Hill (WOK: Historical)
- HIST-275: Film and History (WOK: Historical)
- 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/ 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)
- HIST-481: Special Topics in History/Topics vary by semester (WOK: Historical/Repeatable for credit)
Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:

- ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
- ARTH-102: Western Art-Early Renaissance to Modern (WOK: Artistic)
- ARTH-185: 17th Century Art (WOK: Artistic)
- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

Elementary/Middle-Level (Grades 4-8) Teacher Certification

Although a student may graduate from Chestnut Hill College with a BS in Elementary/Middle-Level Education (Grades 4-8) without completing Clinical Field Experience/Student Teaching, the student will NOT be considered for recommendation for PDE Teacher Certification unless EDML-420 and EDML-421 are successfully completed. Students that do not complete Clinical Field Experience/Student Teaching courses must ensure that they meet the minimum 120 credits required for graduation through additional elective courses.

Additional courses required to be considered for recommendation for PDE Teacher Certification:

- EDML -420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDML -421: Clinical/Student Teaching Seminar

* EDML -420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

Minor in Special Education ~ 18 credits

Courses are required for all Education program Majors. 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 and may not be offered every semester. Requirements:

- EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environment
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science in Elementary/Middle-Level Education (4-8)/Concentration in Social Studies/Minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. ** Grade of C or better required. Minimum Academic Credits required for graduation: 127.5
### PDE Course Breakdown

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<th>Social Studies Courses-30 credits</th>
<th>Science Courses-13.5 credits</th>
<th>Math Courses-12 credits</th>
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<td>GEOG-201</td>
<td>PHYS-105</td>
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<td>GLST-201</td>
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<td>HIST elective</td>
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<td>PSCI elective</td>
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### Major in Elementary/Middle-Level Education (Grades 4-8)

**Concentration in English, Reading, Language Arts, and Math ~ 73.5 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4-8). 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 2.80 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** 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 the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study course (EDUC-490/EDML-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

#### Required in the Major:
- EDML-201: Development in the Elementary to Middle Years
- EDML-222: The Emerging Middle School
- EDML-310: Reading Methods I
- EDML-311: Writing Methods
- EDML-312: Reading Methods II
- EDML-315: Math Methods and Assessment
- EDML-316: Social Studies Methods and Assessment
- EDML-317: Science Methods and Assessment
- EDML-320: Assessment
- EDML-321: Classroom Management and Applied Instruction/Field Exp IIIA/Stage IIIA Portfolio
- EDUC-498: Senior Seminar in Education

#### Also Required:
- BIOL-101: Inquiry Into Life I (3.5 credits/WOK: Scientific)
- BIOL-106: Ecology and Environmental Issues (4 credits)
- ENGL-260: Ethnic Voices
- HIST-250: The Pennsylvania Experience
- MATH-202: Math for Management II/Applied Calculus
- MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) *
- MATH-232: Basic Mathematical Theory and Applications II *
- MATH-233: Basic Mathematical Theory and Applications III *
- MATH-261: Discrete Methods in Mathematics
- PHYS-105: Physical and Earth and Space Science

One Math course (3 credits) chosen from the following:
- MATH-262: Probability and Statistics
- MATH-342: Fundamentals of Geometry

One History course (3 credits) chosen from the following:
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation-Present (WOK: Historical)
One American History Survey course (3 credits) chosen from the following:
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

One English Literature course (3 credits)* chosen from the following:
* It is in the student’s best interest to choose a Literature course that is also Writing Intensive:
- ENGL-203: Approaches to Literature (WOK: Literary/Writing Intensive)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary/Writing Intensive)
- ENGL-301: American Novel (WOK: Literary/Writing Intensive)
- ENGL-308: British Novel (WOK: Literary/Writing Intensive)
- ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)
- ENGL-225: Eighteenth-Century British Literature (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)

* Grade of C or better required.

Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:
- ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
- ARTH-102: Western Art-Early Renaissance to Modern (WOK: Artistic)
- ARTH-185: 17th Century Art (WOK: Artistic)
- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

Elementary/Middle-Level (Grades 4-8) Teacher Certification
Although a student may graduate from Chestnut Hill College with a BS in Elementary/Middle-Level Education (Grades 4-8) without completing Clinical Field Experience/Student Teaching, the student will NOT be considered for recommendation for PDE Teacher Certification unless EDML-420 and EDML-421 are successfully completed. Students that do not complete Clinical Field Experience/Student Teaching courses must ensure that they meet the minimum 120 credits required for graduation through additional elective courses.

Additional courses required to be considered for recommendation for PDE Teacher Certification:
- EDML-420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDML-421: Clinical/Student Teaching Seminar

* EDML-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

Minor in Special Education ~ 18 credits
Courses are required for all Education program Majors. 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 and may not be offered every semester. Requirements:
- EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)
- EDS-312: Reading Intervention for Diverse Learners
- EDS-340: Introduction to Special Education
- EDS-345: Assessments and Adaptations
- EDS-355: Instruction in Inclusive Environment
- EDS-390: ESL Foundations and Methods
Sample Bachelor of Science in Elementary/Middle-Level Education (4-8)/ Concentration in English-Language Arts/Reading/Math/Minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit–these credits do not apply towards the minimum required for graduation. ** Grade of C or better required. Minimum Academic Credits required for graduation: 127.5

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<td>BIOL-101 (3.5 cr)</td>
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<td>HIST-101 or 102</td>
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<td>** APPLY FOR EDSP-355: FIELD EXPERIENCE **</td>
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<td>PHED #1/Swim Test (1 cr)*</td>
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PDE Course Breakdown

English and Language Art Courses -21 credits
- ENGL-101
- FILA-120
- 200-level (Writing Intensive)
- EDML-310
- EDML-311
- EDML-312

Science Courses-13.5 credits
- BIOL-101 (3.5 cr)
- BIOL-106 (4 cr)
- PHYS-105
- EDML-317
- HIST-101 or 102
- HIST-141 or 142
- GLST-201
- EDML-316

Math Courses-21 credits
- MATH-231
- MATH-232
- MATH-233
- MATH-202
- MATH-261
- MATH-262 or 342
- EDML-315

Social Studies Courses -15 credits
- HIST-101 or 102
- MATH-141 or 142
- HIST-250
- GLST-201
- EDML-316

Major in Elementary/Middle-Level Education (Grades 4-8)
Concentration in Math/Science ~ 79 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4-8). 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 2.80 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 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 the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study course (EDUC-490/EDML-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
- ~ EDML-201: Development in the Elementary to Middle Years
- ~ EDML-222: The Emerging Middle School
- ~ EDML-310: Reading Methods I
- ~ EDML-311: Writing Methods
- ~ EDML-315: Math Methods and Assessment
- ~ EDML-316: Social Studies Methods and Assessment
~ EDML-317: Science Methods and Assessment
~ EDML-320: Assessment
~ EDML-321: Classroom Management and Applied Instruction/Field Exp IIIA/Stage IIIA Portfolio
~ EDUC-498: Senior Seminar in Education

Also Required:
~ 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-233: Ecology and Evolutionary Biology (4 credits)
~ HIST-250: The Pennsylvania Experience
~ MATH-202: Math for Management II/Applied Calculus
~ MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving) *
~ MATH-232: Basic Mathematical Theory and Applications II *
~ MATH-233: Basic Mathematical Theory and Applications III *
~ MATH-261: Discrete Methods in Mathematics
~ PHYS-105: Physical and Earth and Space Science

One Math course (3 credits) chosen from the following:
~ MATH-262: Probability and Statistics
~ MATH-342: Fundamentals of Geometry

One History course (3 credits) chosen from the following:
~ HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
~ HIST-102: Western Civilization: Protestant Reformation-Present (WOK: Historical)

One American History Survey course (3 credits) chosen from the following:
~ HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
~ HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

One English Literature course (3 credits)* chosen from the following:
~ ENGL-203: Approaches to Literature (WOK: Literary/ Writing Intensive)
~ ENGL-241: Gender and Literature (WOK: Literary/ Writing Intensive)
~ ENGL-280: American Literature of the 1920s: The Lost Generation (WOK: Literary/ Writing Intensive)
~ ENGL-301: American Novel (WOK: Literary/ Writing Intensive)
~ ENGL-308: British Novel (WOK: Literary/ Writing Intensive)
~ ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
~ ENGL-202: Shakespeare in Love and War (WOK: Literary)
~ ENGL-225: Eighteenth-Century British Literature (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)

* Grade of C or better required.

Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:
~ ARTH-101: Western Art-Prehistoric to Gothic (WOK: Artistic)
~ ARTH-102: Western Art-Early Renaissance to Modern (WOK: Artistic)
~ ARTH-185: 17th Century Art (WOK: Artistic)
~ ARTH-190: American Art (WOK: Artistic)
~ ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
~ ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

Elementary/Middle-Level (Grades 4-8) Teacher Certification
Although a student may graduate from Chestnut Hill College with a BS in Elementary/Middle-Level Education (Grades 4-8) without completing Clinical Field Experience/Student Teaching, the student will NOT be considered for recommendation for PDE Teacher Certification unless EDML-420 and EDML-421 are successfully
completed. Students that do not complete Clinical Field Experience/Student Teaching courses must ensure that they meet the minimum 120 credits required for graduation through additional elective courses.

**Additional courses required** to be considered for recommendation for PDE Teacher Certification:

- EDML-420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDML-421: Clinical/Student Teaching Seminar

* EDML-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

**Minor in Special Education ~ 18 credits**

Courses are required for all Education program Majors. 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 and may not be offered every semester. **Requirements:**

- EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environment
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science in Elementary/Middle-Level Education (4-8)/Concentration in Math/Science/Minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. ** Grade of C or better required. Minimum Academic Credits required for graduation: 130

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<td>MATH-231**</td>
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**Take PAPA Series**

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<td>BIOL-112 (4 cr)</td>
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<td>EDM-201</td>
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<td>MATH-262 or 342</td>
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<td>EDSP-355</td>
<td>BIOL-233 (4 cr)</td>
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<td>PHYS-105</td>
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**Apply for EDSP-355: Field Experience**

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<th>Apply for EDP4-320: Clinical Field Experience/ Benchmark 2 when approved</th>
<th>Benchmark 3 after program completion</th>
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**PDE Course Breakdown**

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<th>English and Language Art Courses-15 credits</th>
<th>Science Courses-22 credits</th>
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<tr>
<td>ENGL-101</td>
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<td>ENGL-200 level (Writing Intensive)</td>
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<td>EDM-311</td>
<td>PHYS-105</td>
<td>MATH-262 or 342</td>
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</table>

**Social Studies Courses -15 credits**

(Continued)
Major in Elementary/Middle-Level Education (Grades 4-8)
Concentration in English/Reading/Language Arts/Science ~ 76 credits

Chestnut Hill College offers the Bachelor of Science (BS) in Elementary/Middle-Level Education (Grades 4-8). 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 2.80 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 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 the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. An Independent Study course (EDUC-490/EDML-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
- EDML-201: Development in the Elementary to Middle Years
- EDML-222: The Emerging Middle School
- EDML-310: Reading Methods I
- EDML-311: Writing Methods
- EDML-312: Reading Methods II
- EDML-315: Math Methods and Assessment
- EDML-316: Social Studies Methods and Assessment
- EDML-317: Science Methods and Assessment
- EDML-320: Assessment
- EDML-321: Classroom Management and Applied Instruction/Field Exp IIIA/Stage IIIA Portfolio
- EDUC-498: Senior Seminar in Education

Also Required:
- 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-233: Ecology and Evolutionary Biology (4 credits)
- ENGL-260: Ethnic Voices
- HIST-250: The Pennsylvania Experience
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- MATH-232: Basic Mathematical Theory and Applications II *
- MATH-233: Basic Mathematical Theory and Applications III *
- PHYS-105: Physical and Earth and Space Science

One History course (3 credits) chosen from the following:
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation-Present (WOK: Historical)

One American History Survey course (3 credits) chosen from the following:
- HIST-141: American Survey: Colonial - Civil War (WOK: Historical)
- HIST-142: American Survey: Reconstruction - Present (WOK: Historical)

One English Literature course (3 credits) chosen from the following:
It is in the student's best interest to choose a Literature course that is also Writing Intensive:
- ENGL-203: Approaches to Literature (WOK: Literary/Writing Intensive)
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* Grade of C or better required.

Recommended but not required Artistic Way of Knowing courses to prepare student for Teacher Certification Test:
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- ARTH-190: American Art (WOK: Artistic)
- ARTH-191: Romanticism to Post-Impressionism (WOK: Artistic)
- ARTH-192: Twentieth Century and Contemporary Art (WOK: Artistic)

**Elementary/Middle-Level (Grades 4-8) Teacher Certification**
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**Additional courses required to be considered for recommendation for PDE Teacher Certification:**
- EDML -420: Clinical Field Experience/Student Teaching /Stage IV Portfolio (6 credits) *
- EDML -421: Clinical/Student Teaching Seminar

* EDML -420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

**Minor in Special Education ~ 18 credits**
Courses are required for all Education program Majors. 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 and may not be offered every semester. **Requirements:**
- EDML-202: Educational Psychology in the Elementary to Middle Years (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-355: Instruction in Inclusive Environment
- EDSP-390: ESL Foundations and Methods

Sample Elementary/Middle-Level Education (Grades 4-8)/Concentration in English/Language Arts/Reading/Science/Minor in Special Education: 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. ** Grade of C or better required. Minimum Academic Credits required for graduation: 127
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<td><strong>APPLY FOR EDP4-420:</strong></td>
<td><strong>CLINICAL FIELD EXPERIENCE/BENCHMARK 2 WHEN APPROVED</strong></td>
<td><strong>BENCHMARK 3 AFTER PROGRAM COMPLETION</strong></td>
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<td><strong>Science Courses -22 credits</strong></td>
<td><strong>Social Studies Courses -15 credits</strong></td>
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<td><strong>Benchmarks for Completion</strong></td>
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<td>The Secondary Education Certification Program integrates educational theory and practice with field experiences that include clinical/student teaching experiences, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level.</td>
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<td>A Co-Major in Secondary Education with a required minor in Special Education is available to students majoring in one of the following content areas:</td>
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<td>~ French; Spanish (Foreign Language Certification/Grades K through 12)</td>
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<td>~ Biology; Biochemistry; Environmental Sciences; Molecular Biology (Biology, or General Science Certification/Grades 7 through 12)</td>
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<td>~ Chemistry (Chemistry Certification/Grades 7 through 12)</td>
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<td>~ English Literature; English Literature and Communications (English Certification/Grades 7 through 12)</td>
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<td>~ Mathematics; Mathematics and Computer Science (Mathematics Certification/Grades 7 through 12)</td>
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<tr>
<td>~ History (Social Studies Certification/Grades 7 through 12)</td>
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<tr>
<td>The Secondary Education Certification Program is not available as a stand-alone Major and detailed information may be found in the departmental sections. Students are assigned a Faculty Advisor in the major department as well as a Faculty Advisor in the Education Department. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: <a href="mailto:BlackR@chc.edu">BlackR@chc.edu</a></td>
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</table>
Chestnut Hill College offers the Bachelor of Arts (BA) in English Literature, the Bachelor of Arts (BA) in Communications, a Bachelor of Arts (BA) in English Literature and Communications, and the Bachelor of Science (BS) in Communications and Technology. Minors in English Literature, Communications, and Creative Writing are also offered.

Departmental Mission
The English and Communications 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 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 writing; however, the 3 credits earned may be used as elective credits towards graduation. Students completing ENGL-100 with a grade of C- or better will register for ENGL-101: College Writing the following semester.

Advanced Placement
For a score of 4 or 5 on the English Language and Composition AP Exam, the student will receive 3 credits equivalent to ENGL-101: College Writing. The student may be invited to enroll in ENGL-105: Advanced College Writing based on the results of the English Placement Exam. A score of 4 or 5 on the English Literature AP Exam will be accepted as three elective credits in English at the discretion of the department.

Departmental Honors and Honor Societies
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. 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 will appear on the academic transcript.

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 Communications Honor Society.

Qualified Communications and Technology majors 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.
Extra-Curricular Activities and Clubs
A yearbook, newspaper, literary magazine offer English and Communications Majors opportunities to develop their writing interests and skills while the TV, Radio, and Poetry Clubs offer opportunities for all students to participate in, prepare, and edit campus media programs.

General 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 without completing a minor. Check the Course Description section for any Pre-Requisites. Courses are 3 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:

**English:**

- ENGL-100: Essay Writing *
- ENGL-101: College Writing *
- ENGL-105: Advanced College Writing
- ENGL-110: Elements of the Research Paper I (1.5 credits)
- ENGL-150: Introduction to Literature (WOK: Literary)
- ENGL-160: Literature into Film (WOK: Literary)
- ENGL-175: The Short Story (WOK: Literary)
- ENGL-190: Modern Japanese Literature (WOK: Literary)
- ENGL-200: Tutoring Writing: Methods/Practice (1.5 credits)
- 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: 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 Romanticism (WOK: Literary)
- ENGL-238: Victorian Literature
- 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-255: Writing Poetry
- 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-270: Writing Short Fiction
- ENGL-271: Gothic Tradition in Literature (WOK: Literary)
- ENGL-275: Writing the Graphic Novel
- 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 (WOK: Literary)
- 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 (Interession 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.
Communications:
~ COMM-102: News Writing Workshop (1 credit/may be taken up to three times)
~ COMM-110: Introduction to Communication (WOK: Behavioral)
~ COMM-112: Television Workshop (1 credit/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: Advanced Public Speaking Applications
~ COMM-254: Advertising (WOK: Behavioral)
~ COMM-255: Public Relations (WOK: Behavioral)
~ COMM-275: Persuasive Methods
~ COMM-258: Scriptwriting (Writing Intensive)
~ COMM-260: Writing for Electronic Media (Writing Intensive)
~ COMM-265: Advanced Feature Writing (Writing Intensive)
~ COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit)
~ COMM-270: Business Communications
~ COMM-325: Video Design and Production II
~ COMM-350: Communication Law
~ COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit)

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. For information, please contact Dr. Barbara Lonnquist, Room 203, St. Joseph Hall. Telephone: 215.248.7178. Email: lnnquistb@chc.edu.

Major in English Literature ~ 39 credits
Chestnut Hill College offers the Bachelor of Arts (BA) in English Literature. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (ENGL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ ENGL-488: Research Writing
~ ENGL-498: Senior Seminar in English Literature

One Shakespeare course (3 credits) chosen from the following:
~ ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
~ ENGL-202: Shakespeare in Love and War (WOK: Literary)

Three American Literature courses (9 credits) chosen from the following - at least one 3XX-level recommended:
~ 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)
~ ENGL-301: American Novel (Writing Intensive)
~ ENGL-340: American Literature Seminar
Three British Literature courses (9 credits) chosen from the following - at least one 3XX-level recommended:
~ ENGL-206: British Poetry
~ ENGL-225: Eighteenth-Century British Literature
~ ENGL-233: British Romanticism
~ 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
~ ENGL-300: James Joyce and Ulysses
~ ENGL-308: British Novel (Writing Intensive)
~ ENGL-338: Age of Chaucer
~ ENGL-342: British Literature Seminar

Four Literature courses (12 credits) chosen from the following:
~ ENGL-110: Literature into Film
~ ENGL-150: Introduction to Literature
~ ENGL-175: The Short Story
~ ENGL-190: Modern Japanese Literature
~ 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-255: Writing Poetry
~ ENGL-260: Ethnic Voices
~ ENGL-270: Writing Short Fiction
~ ENGL-271: Gothic Tradition in Literature (WOK: Literary)
~ ENGL-275: Writing the Graphic Novel
~ 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Major in English Literature/Secondary Education Co-Major/Special Education Minor
The Secondary Education Certification Program in English (Grades 7 - 12) is available to English Literature majors seeing Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students
at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu

The Pennsylvania Department of Education (PDE) requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. Students must meet field experience competencies including 190 hours of fieldwork before Student Teaching: EDSC-201 provides 20 hours; EDSC-317 provides 60; EDSP-345 provides 75. EDSC-420 provides 390 hours. Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript.

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 2.80 or above are required for Certification. Majors may need to retake courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major and Co-Major. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major and Co-Major:**
- ~ EDSC-203: The Foundations of High School
- ~ EDSC-315: General Methods and Assessment
- ~ EDSC-317: Special Methods in English/Field Experience IIIA
- ~ EDSC-420: Clinical Field Experience/Student Teaching (6 credits)*
- ~ EDSC-421: Clinical/Student Teaching Seminar
- ~ ENGL-338: Age of Chaucer
- ~ ENGL-488: Research Writing
- ~ ENGL-498: Senior Seminar in English Literature

**Two Mathematics courses (6 credits) chosen from the following:**
- ~ 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- ~ MATH-202: Math for Management II/Applied Calculus (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-233: Basic Mathematical Theory and Applications III (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)

**Three American Literature courses (9 credits) chosen from the following:**
- ~ ENGL-205: American Poetry
- ~ 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)
ENGL-301: American Novel (Writing Intensive)
ENGL-340: American Literature Seminar

One Shakespeare course (3 credits) chosen from the following:
ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
ENGL-202: Shakespeare in Love and War (WOK: Literary)

Three British Literature courses (9 credits) chosen from the following:
ENGL-206: British Poetry
ENGL-225: Eighteenth-Century British Literature
ENGL-233: British Romanticism
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
ENGL-300: James Joyce and Ulysses
ENGL-308: British Novel (Writing Intensive)
ENGL-342: British Literature Seminar

Four Literature courses (12 credits) chosen from the following:
ENGL-110: Literature into Film
ENGL-150: Introduction to Literature
ENGL-175: The Short Story
ENGL-190: Modern Japanese Literature
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-255: Writing Poetry
ENGL-260: Ethnic Voices
ENGL-270: Writing Short Fiction
ENGL-271: Gothic Tradition in Literature (WOK: Literary)
ENGL-275: Writing the Graphic Novel
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)

* EDSC-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

Required Minor in Special Education ~ 15 credits
Courses are required for all Education program Majors. 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 and may not be offered every semester. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Requirements:

EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
EDSP-312: Reading Intervention for Diverse Learners
EDSP-340: Introduction to Special Education
EDSP-345: Assessments and Adaptations
EDSP-390: ESL Foundations and Methods

Sample Bachelor of Arts: English Literature Major/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic
Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<th>Year Three Fall - 15</th>
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**Take PAPA series**

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**Required in the Major:**

- ENGL-488: Research Writing
- ENGL-498: Senior Seminar in English Literature

**One Communications Introduction course (3 credits) chosen from the following:**

- COMM-110: Introduction to Communications
- COMM-141: Introduction to Journalism

**Five Communications courses (15 credits) chosen from the following:**

- COMM-102: News Writing Workshop (1 credit/may be taken up to three times)
- COMM-112: Television Workshop (1 credit/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 (Writing Intensive)
- COMM-253: Advanced Public Speaking Applications
- COMM-255: Public Relations
- COMM-258: Scriptwriting (Writing Intensive)
- COMM-260: Writing for Electronic Media (Writing Intensive)
- COMM-265: Advanced Feature Writing (Writing Intensive)
- COMM-275: Persuasive Methods
- COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit)
- COMM-270: Business Communications
- COMM-325: Video Design and Production II
- COMM-350: Communication Law
- COMM-401: Internship in Communications
- COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit)
Two American Literature courses (6 credits) chosen from the following - at least one 3XX-level recommended:
- 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)
- ENGL-301: American Novel (Writing Intensive)
- ENGL-340: American Literature Seminar

Two British Literature courses (6 credits) chosen from the following - at least one 3XX-level recommended:
- ENGL-206: British Poetry
- ENGL-225: Eighteenth-Century British Literature
- ENGL-233: British Romanticism
- 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
- ENGL-300: James Joyce and Ulysses
- ENGL-308: British Novel (Writing Intensive)
- ENGL-338: Age of Chaucer
- ENGL-342: British Literature Seminar

One Shakespeare course (3 credits) chosen from the following:
- ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)

Two Literature courses (6 credits) chosen from the following:
- ENGL-110: Literature into Film
- ENGL-150: Introduction to Literature
- ENGL-175: The Short Story
- ENGL-190: Modern Japanese Literature
- 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 fee required)
- 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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**Major in English Literature and Communications/Secondary Education Co-Major/ Special Education Minor**

The Secondary Education Certification Program in English (Grades 7 -12) is available to English Literature and Communications majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu

The Pennsylvania Department of Education (PDE) requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. Students must meet field experience competencies including 190 hours of fieldwork before Student Teaching: EDSC-201 provides 20 hours; EDSC-317 provides 60; EDSP-345 provides 75. EDSC-420 provides 390 hours. Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript.

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 2.80 or above are required for Certification. Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major and Co-Major. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major and Co-Major:**
- EDSC-203: The Foundations of High School
- EDSC-315: General Methods and Assessment
- EDSC-317: Special Methods in English/Field Experience IIIA
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)*
- EDSC-421: Clinical/Student Teaching Seminar
- ENGL-338: Age of Chaucer
- ENGL-488: Research Writing
- ENGL-498: Senior Seminar in English Literature

One Communications Introduction course (3 credits) chosen from the following:
- COMM-110: Introduction to Communications
- COMM-141: Introduction to Journalism

Five Communications courses (15 credits) chosen from the following:
- COMM-102: News Writing Workshop (1 credit/may be taken up to three times)
- COMM-112: Television Workshop (1 credit/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
- COMM-230: Audio Production
- COMM-251: Mass Media and Society
- COMM-252: Writing for Electronic Media (Writing Intensive)
- COMM-253: Advanced Public Speaking Applications
COMM-255: Public Relations
COMM-258: Scriptwriting (Writing Intensive)
COMM-260: Writing for Electronic Media (Writing Intensive)
COMM-265: Advanced Feature Writing (Writing Intensive)
COMM-275: Persuasive Methods
COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit)
COMM-270: Business Communications
COMM-325: Video Design and Production II
COMM-350: Communication Law
COMM-401: Internship in Communications
COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit)

Two American Literature courses (6 credits) chosen from the following:
ENGL-205: American Poetry
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)
ENGL-301: American Novel (Writing Intensive)
ENGL-340: American Literature Seminar

One Shakespeare course (3 credits) chosen from the following:
ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
ENGL-202: Shakespeare in Love and War (WOK: Literary)

Two British Literature courses (6 credits) chosen from the following:
ENGL-206: British Poetry
ENGL-225: Eighteenth-Century British Literature
ENGL-233: British Romanticism
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
ENGL-300: James Joyce and Ulysses
ENGL-308: British Novel (Writing Intensive)
ENGL-342: British Literature Seminar

Two Literature courses (6 credits) chosen from the following:
ENGL-110: Literature into Film
ENGL-150: Introduction to Literature
ENGL-175: The Short Story
ENGL-190: Modern Japanese Literature
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-255: Writing Poetry
ENGL-260: Ethnic Voices
ENGL-270: Writing Short Fiction
ENGL-271: Gothic Tradition in Literature (WOK: Literary)
ENGL-273: Writing the Graphic Novel
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)

* EDSC-420 cannot be repeated at the undergraduate level, and a “passing” grade does not guarantee recommendation for certification. Check with a Faculty Advisor in the Education Department before registering for a Student Teaching course to discuss the unique re-
requirements. All students must apply for Student Teaching and all paperwork must be completed before registering for any Student Teaching course.

**Required Minor in Special Education ~ 15 credits**
Courses are required for all Education program Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

- EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-390: ESL Foundations and Methods

**Sample Bachelor of Arts: English Literature and Communications Major/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td><strong>TAKE PRAXIS II/ BENCHMARK 3 AFTER PROGRAM COMPLETION.</strong></td>
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**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. Courses are 3 credits unless indicated and may not be offered every semester. For information, please contact Dr. Barbara Lonnquist, Room 203, St. Joseph Hall. Telephone: 215.248.7178. Email: lonnquistb@chc.edu. Requirements:

One Shakespeare course (3 credits) chosen from the following:
- ENGL-201: Shakespeare’s Heroes and Heroines (WOK: Literary)
- ENGL-202: Shakespeare in Love and War (WOK: Literary)

One American Literature courses (3 credits) chosen from the following - at least one 3XX-level recommended:
- ENGL-205: American Poetry
- 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 British Literature courses (3 credits) chosen from the following - at least one 3XX-level recommended:
~ ENGL-206: British Poetry (WOK: Literary)
~ ENGL-225: Eighteenth-Century British Literature (WOK: Literary)
~ ENGL-233: British Romanticism (WOK: Literary)
~ 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
~ ENGL-300: James Joyce and Ulysses (WOK: Literary)
~ ENGL-308: British Novel (Writing Intensive)
~ ENGL-338: Age of Chaucer (WOK: Literary)
~ ENGL-342: British Literature Seminar

Three Literature courses (9 credits) chosen from the following:
~ ENGL-110: Literature into Film
~ ENGL-150: Introduction to Literature (WOK: Literary)
~ ENGL-175: The Short Story (WOK: Literary)
~ ENGL-190: Modern Japanese Literature
~ ENGL-227: Drama: Classical to Modern
~ 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
~ 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 charges)
~ ENGL-481: Advanced Special Topics in English/Topics vary by semester (Repeatable for credit)

Minor in Creative Writing ~ 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 and may not be offered every semester. For information, please contact Dr. Barbara Lonnquist, Room 203, St. Joseph Hall. Telephone: 215.248.7178. Email: lonnquistb@chc.edu. Requirements:
~ COMM-258: Scriptwriting (Writing Intensive)
~ ENGL-204: Writing Literary Non-Fiction
~ ENGL-250: Creative Writing
~ ENGL-255: Writing Poetry
~ ENGL-270: Writing Short Fiction
~ ENGL-275: Writing the Graphic Novel
Communications

Communication programs integrate research, analysis, and creative production and courses explore theories and practices of communication. Communication majors choose a Concentration of Media Studies and Production; Journalism and Professional Writing; or Corporate Communications. Interested students should contact Dr. Kimberley Leahy, DeSales Center, Room 3. Telephone: 215.248.3601. Email: Leahyk@chc.edu.

Major in Communications

Media Studies and Production Concentration ~ 45 credits

Chestnut Hill College offers the Bachelor of Arts (BA) in Communications. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (COMM-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:

- COMM-141: Introduction to Journalism (WOK: Behavioral)
- COMM-201: Introduction to Film Analysis
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-251: Mass Media and Society
- COMM-253: Advanced Public Speaking Applications
- COMM-258: Scriptwriting (Writing Intensive)
- COMM-310: Theories and Research Methods
- COMM-401: Internship in Communications
- COMM-498: Senior Seminar in Communications

Five Communications courses (15 credits) chosen from the following:
- COMM-102: News Writing Workshop (1 credit/ may be taken up to three times)
- COMM-112: Television Workshop (1 credit/ may be taken up to three times)
- COMM-203: Visual Literacy
- COMM-252: Writing for Electronic Media (Writing Intensive)
- COMM-270: Business Communications
- COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit)
- COMM-325: Video Design and Production II
- COMM-350: Communication Law
- 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

<table>
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<th>Year One Fall - 15/16</th>
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<th>Year Three Fall - 15</th>
<th>Year Four Fall - 15/16</th>
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<td>COMM-141</td>
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Major in Communications

Corporate Communication Concentration ~ 45 credits

Chestnut Hill College offers the Bachelor of Arts (BA) in Communications. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (COMM-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:

~ COMM-110: Introduction to Communications (WOK: Behavioral)
~ COMM-251: Mass Media and Society
~ COMM-253: Advanced Public Speaking Applications
~ COMM-254: Advertising
~ COMM-270: Business Communications
~ COMM-275: Persuasive Methods
~ COMM-310: Theories and Research Methods
~ COMM-350: Communication Law
~ COMM-401: Internship in Communications
~ COMM-498: Senior Seminar in Communications

Five Communications courses (15 credits) chosen from the following:

~ COMM-210: Interpersonal Communication
~ COMM-255: Public Relations
~ COMM-260: Writing for Electronic Media (Writing Intensive)
~ COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)
~ COMM-350: Communication Law
~ COMM-401: Internship in Communications
~ COMM-498: Senior Seminar in Communications

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Major in Communications

Journalism and Professional Writing Concentration ~ 42 credits

Chestnut Hill College offers the Bachelor of Arts (BA) in Communications. 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 Required in the Major to successfully
complete the requirements for the Major. An Independent Study (COMM-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:
~ 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: Advanced Public Speaking Applications  
~ COMM-310: Theories and Research Methods  
~ COMM-401: Internship in Communications  
~ COMM-498: Senior Seminar in Communications  

Five Communications courses (15 credits) chosen from the following:
~ COMM-112: Television Workshop (1 credit/ may be taken up to three times)  
~ COMM-102: News Writing Workshop (1 credit/ may be taken up to three times)  
~ COMM-254: Advertising  
~ COMM-255: Public Relations  
~ COMM-258: Scriptwriting (Writing Intensive)  
~ COMM-260: Writing for Electronic Media (Writing Intensive)  
~ COMM-265: Advanced Feature Writing  
~ COMM-270: Business Communications  
~ COMM-275: Persuasive Methods  
~ COMM-281: Special Topics in Communications/Topics vary by semester (Repeatable for credit.)  
~ COMM-325: Video Design and Production II  
~ COMM-350: Communication Law  
~ COMM-481: Advanced Special Topics in Communications/Topics vary by semester (Repeatable for credit.)  
~ CMTC-200: Introduction to Web Development and Design  
~ CMTC-210: Computer Graphics with Photoshop  

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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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 and may not be offered every semester. Interested students should contact Dr. Kimberley Leahy, DeSales Center, Room 3. Telephone: 215.248.3601. Email: Leahyk@chc.edu. Requirements:
COMM-110: Introduction to Communication (WOK: Behavioral)
COMM-251: Mass Media and Society (WOK: Behavioral)
COMM-253: Advanced Public Speaking Applications

One Communications course from each of the following Concentration Areas (9 credits total):

**Media Studies (one course/3 credits):**
- COMM-203: Visual Literacy
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-252: Writing for Electronic Media (Writing Intensive)
- COMM-258: Scriptwriting (Writing Intensive)
- COMM-270: Business Communications
- COMM-325: Video Design and Production II
- COMM-350: Communication Law

**Corporate Communication (one course/3 credits):**
- COMM-210: Interpersonal Communication
- COMM-254: Advertising
- COMM-255: Public Relations
- COMM-270: Business Communications
- COMM-275: Persuasive Methods
- COMM-350: Communication Law

**Journalism (one course/3 credits):**
- COMM-221: Video Design and Production I
- COMM-230: Audio Production
- COMM-252: Writing for Electronic Media
- COMM-254: Advertising
- COMM-255: Public Relations
- COMM-260: Writing for Electronic Media (Writing Intensive)
- COMM-265: Advanced Feature Writing
- COMM-270: Business Communications
- COMM-275: Persuasive Methods
- COMM-325: Video Design and Production II
- COMM-350: Communication Law

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**Communications and Technology**

Interested students should contact Dr. Kimberley Leahy, DeSales Center, Room 3. Telephone: 215.248.3601. Email: Leahyk@chc.edu.

**Major in Communications and Technology ~ 39 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Communications and 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (COMM-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**
- COMM-110: Introduction to Communications (WOK: Behavioral)
- COMM-251: Mass Media and Society
- COMM-253: Advanced Public Speaking Applications
- 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-201: Design of Websites
One Computer Technology course (3 credits) chosen from the following:
- CMTC-205: Computer Graphics using Illustrator
- CMTC-280: Database Programming

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>Language 103</td>
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<td>CARE-101 (1 cr)*</td>
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<td>PHED #1/Swim Test (1 cr)*</td>
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</table>
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 Civilization, and in other languages with the approval of the Department. The Department also offers courses in Chinese, Classical Civilization, 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 Dr. Mary Helen Kashuba, SSJ, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu.

Core Curriculum Foreign Language Requirement for All Students

Students are required to take one Foreign Language course at 103 or above, according to their placement by the Department.

Advanced Placement

A score of 3 on the Language or Literature AP Exam is equivalent to the 103 course in the respective language, worth 3 credits. This satisfies the Core Foreign Language requirement. A score of 4 or 5 on the Language AP Exam is equivalent to any Language-221: Advanced Grammar and Composition, which also satisfies the requirement and is worth 3 credits. A score of 4 or 5 on the Literature AP Exam is equivalent to an introductory course in literature, assigned at the discretion of the Department, and is worth 3 credits and satisfies the Foreign Language Proficiency requirement for non-majors.

Departmental Honors and Honor Societies

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. 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 will appear on the academic transcript.

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 3.00, with a 3.50 GPA or higher in their language courses with at least one 200-level or above course completed. They must also rank in the top 35% of their class and have achieved Junior class status (34 earned academic credits).

Proficiencies for Majors

Students completing a major in French or Spanish must demonstrate oral and written proficiency at the level of advanced low 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 Proficiency Guidelines. Exceptions to the second language requirement may be made for students pursuing a double major.

Consortium Agreements and 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. Interested students should contact the Office of Academic Advising, 3rd Floor St. Joseph Hall, for assistance. Telephone: 215.248-7199. Email: advising@chc.edu.

**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.

At the Department’s discretion, students approved to major in another discipline in addition to French may not be required to complete the second language courses. A Faculty Advisor will assist double majors in this area.

**Major in French ~ 42 credits**

Chestnut Hill College offers a Bachelor of Arts (BA) in French. 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* to successfully complete the requirements for the Major. An Independent Study (FREN-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. A minimum of fourteen courses is required.

**Required in the Major:**

- FREN-498: Senior Seminar in French

  Two to three French Language courses (6 - 9 credits) chosen from the following:
  - FREN-221: Grammaire et Composition Avancée *(Writing Intensive)*
  - FREN-222: French for Oral Proficiency
  - FREN-228: Le Français Commercial

  Two to three French Civilization courses (6 - 9 credits) chosen from the following:
  - FREN-231: Introduction à la Culture Française I
  - FREN-232: Introduction à la Culture Française II
  - FREN-233: Expériences dans la Civilisation Française

  Four to six French Literature courses (12-18 credits) chosen from the following:
  - FREN-281: Special Topics/Topics vary by semester *(WOK: Literary/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)*

**Also Required:**

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

**Recommended, but not required:**

- FREN-401: Internship in French
- Study Abroad
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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>PHED #2 (1 cr)*</td>
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Major in French/Secondary Education Co-Major/Special Education Minor

The Secondary Education Certification Program in Foreign Language (Grades K through 12) is available to French majors seeing Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu

The Pennsylvania Department of Education (PDE) requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. Students must meet field experience competencies including 190 hours of fieldwork before Student Teaching: EDSC-201 provides 20 hours; FLED-352 provides 60; EDSP-345 provides 75. EDSC-420 provides 390 hours. Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript.

Second language certification requires the candidate to pass the PRAXIS or ACTFL Oral Proficiency Interview in that language. Further study may be recommended, depending on the level of the candidate. Students seeking certification must demonstrate oral and written proficiency in French at the level of advanced low or above, through the Oral Proficiency Interview according to the ACTFL Proficiency Guidelines.

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 2.80 or above are required for Certification. Majors may need to retake courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses unless indicated. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major and Co-Major:

- EDSC-203: The Foundations of High School
- EDSC-315: General Methods and Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)
- EDSC-421: Clinical/Student Teaching Seminar
- FLED-352: Special Methods in Foreign Languages
- FREN-221: Grammaire et Composition Avancée (Writing Intensive)
- FREN-222: French for Oral Proficiency
- FREN-231: Introduction à la Culture Française I
Two Mathematics courses (6 credits) chosen from the following:

~ 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus (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-233: Basic Mathematical Theory and Applications III (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)

Four to six French Literature courses (12-18 credits) chosen from the following:

~ FREN-228: Le Français Commercial
~ FREN-233: Expériences dans la Civilisation Française
~ FREN-281: Special Topics/Topics vary by semester (WOK: Literary/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 (WOK: Literary/repeatable for credit.)

Also Required:

~ Minimum of two courses (6 credits) with intermediate proficiency* in one of the following languages:
  Chinese
  Italian
  Latin
  Russian
  German
  Spanish

* Requirement may be waived at the discretion of the Foreign Language Department.

**Required Minor in Special Education ~ 15 credits**

Courses are required for all Education program Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. **Requirements**:

~ EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
~ EDSP-312: Reading Intervention for Diverse Learners
~ EDSP-340: Introduction to Special Education
~ EDSP-345: Assessments and Adaptations
~ EDSP-390: ESL Foundations and Methods

**Sample Bachelor of Arts: French Major/Secondary Education Co-Major/Minor in Special Education:** 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
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 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 and develop an ability to interpret literature and thus bring a humanizing dimension to their own lives and to modern society.

At the Department’s discretion, students approved to major in another discipline in addition to French may not be required to complete the second language courses. A Faculty Advisor will assist double majors in this area.

Major in Spanish ~ 42 credits

Chestnut Hill College offers the Bachelor of Arts (BA) in Spanish. 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 to successfully complete the requirements for the Major. A minimum of fourteen courses is required. An Independent Study (SPAN-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:

~ SPAN-498: Senior Seminar in Hispanic Literature

Two to three Spanish Language courses (6 - 9 credits) chosen from the following:
~ SPAN-220: Spanish for Heritage Speakers
~ SPAN-221: Advanced Grammar and Composition (Writing Intensive)
~ SPAN-222: Advanced Conversation
~ SPAN-228: Commercial Spanish

Two to three Spanish Civilization courses (6 - 9 credits) chosen from the following:
~ SPAN-231: Introduction to Hispanic Culture/Spain
~ SPAN-232: Introduction to Hispanic Culture/Latin America
~ 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)

Four to six Spanish Literature courses (12-18 credits) chosen from the following:
~ SPAN-261: Masterpieces of Hispanic Literature I (Writing Intensive)
~ SPAN-262: Masterpieces of Hispanic Literature II (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
~ SPAN-355: Contemporary Latin American Literature (WOK: Literary)
~ SPAN-361: Literary Works and the Movies They Inspired (WOK: Literary)
~ 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)

Also Required:
~ Two courses (6 credits) with intermediate proficiency in one of the following languages:
  Chinese
  Italian
  Latin
  Russian
  German
  French

Recommended, but not required:
~ SPAN-401: Internship in Spanish
~ Study Abroad

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Major in Spanish/Secondary Education Co-Major/Special Education Minor
The Secondary Education Certification Program in Foreign Language (Grades K through 12) is available to Spanish majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. Students must meet field experience competencies including 190 hours of fieldwork before Student Teaching: EDSC-201 provides 20 hours; FLED-352 provides 60; EDSP-345 provides 75. EDSC-420 provides 390 hours. Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript.
Second language certification requires the candidate to pass the PRAXIS or ACTFL Oral Proficiency Interview in that language. Further study may be recommended, depending on the level of the candidate. Students seeking certification must demonstrate oral and written proficiency in French at the level of advanced low or above, through the Oral Proficiency Interview according to the ACTFL Proficiency Guidelines.

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 2.80 or above are required for Certification. Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses unless indicated. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major and Co-Major:**
- EDSC-203: The Foundations of High School
- EDSC-315: General Methods and Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)
- EDSC-421: Clinical/Student Teaching Seminar
- FLED-352: Special Methods in Foreign Languages
- SPAN-221: Advanced Grammar and Composition (Writing Intensive)
- SPAN-222: Advanced Conversation
- SPAN-231: Introduction to Hispanic Culture/Spain
- SPAN-232: Introduction to Hispanic Culture/Latin America
- SPAN-498: Senior Seminar in Hispanic Literature

**Four to six Spanish Literature courses (12-18 credits) chosen from the following:**
- SPAN-220: Spanish for Heritage Speakers
- SPAN-228: Commercial Spanish
- SPAN-261: Masterpieces of Hispanic Literature I (Writing Intensive)
- SPAN-262: Masterpieces of Hispanic Literature II (Writing Intensive)
- SPAN-263: Masterpieces of Hispanic Literature III (WOK: Literary)
- SPAN-281: Special Topics/Topics vary by semester (Repeateable 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
- SPAN-355: Contemporary Latin American Literature (WOK: Literary)
- SPAN-361: Literary Works and the Movies They Inspired (WOK: Literary)
- 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)

**Two Mathematics courses (6 credits) chosen from the following:**
- 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-202: Math for Management II/Applied Calculus (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)
Also Required:

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

* Requirement may be waived at the discretion of the Foreign Language Department.

Sample Bachelor of Arts: Spanish Major/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>RLST-104</td>
<td>SPAN-103, 231, 220 or 221</td>
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<td><strong>APPLY FOR EDSC-420: CLINICAL FIELD EXPERIENCE/BENCHMARK 2 WHEN APPROVED</strong></td>
<td><strong>TAKE PRAXIS II/BENCHMARK 3 AFTER PROGRAM COMPLETION</strong></td>
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Minor in French and/or Spanish ~ 18 credits

Courses are 3 credits unless indicated and may not be offered every semester. 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. An Independent Study (SPAN/FREN-490) may be available with appropriate permissions. Students may request a combined foreign language minor only if they have 18 credits beyond 103-104 (intermediate level) in two languages. Interested students should contact Dr. Mary Helen Kashuba, SSJ, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu. **Requirements:**

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
- SPAN-103: Intermediate Spanish I
- SPAN-104: Intermediate Spanish II
- SPAE-103: Spanish for Educators II

General Requirements:

One Advanced Grammar course (3 credits) chosen from the following:
- FREN-221: Grammaire et Composition Avancée (Writing Intensive)
- SPAN-220: Spanish for Heritage Speakers
- SPAN-221: Advanced Grammar and Composition
One Advanced Conversation course (3 credits) chosen from the following. 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
~ SPAN-222: Advanced Conversation

Two to four Language or Literature courses (6 to 12 credits) chosen from the following:

~ 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)
~ 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 (Writing Intensive)
~ SPAN-262: Masterpieces of Hispanic Literature II (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
~ SPAN-355: Contemporary Latin American Literature (WOK: Literary)
~ SPAN-361: Literary Works and the Movies They Inspired (WOK: Literary)
~ 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)

**Latin and Classical Civilization**

**Minor in Latin ~ 18 credits**

Courses are 3 credits unless indicated and may not be offered every semester. 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. An Independent Study (LATN-490) may be available with appropriate permissions. Interested students should contact Dr. Mary Helen Kashuba, SSJ, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu. **Requirements:**

Four Latin courses (12 credits) chosen from the following:

~ 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 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 Classical Civilization courses (6 credits) in chosen from the following:
- 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 Civilization ~ 18 credits
Courses are 3 credits unless indicated and may not be offered every semester. 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. An Independent Study (LATN-490) may be available with appropriate permissions. Interested students should contact Dr. Mary Helen Kashuba, SSJ, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu. Requirements:

Four Classical Civilization or Ancient History courses (12 credits) chosen from the following:
- 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)
- HIST-201: Ancient Greece (WOK: Historical)
- HIST-202: Ancient Rome (WOK: Historical)

Two Latin courses (6 credits) chosen from the following:
- 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 Prose (WOK: Literary)
- LATN-281: Advanced Special Topics in Latin/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)

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.

The choice of courses should be interdisciplinary in nature and may be used to fulfill Major, Core, and/or Ways of Knowing requirements. A Faculty Advisor will assist with course choices. Courses are 3 credits unless indicated and may not be offered every semester.

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 Dr. Mary Helen Kashuba, SSJ, Room 25B, Fournier Hall. Telephone: 215.248.7124. Email: kashubam@chc.edu.

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. 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.

~ 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.
Chestnut Hill College offers the Bachelor of Arts (BA) in History as well as a minor in History. Also offered is the interdisciplinary minor in Women’s Studies. Interested students should contact Dr. Lorraine Coons, Room 377, Fournier Hall. Telephone: 215.248.7184. Email: lcoons@chc.edu.

Program Mission
The objective of the program is to give the History major or minor a deep awareness of the importance of the historical perspective by offering courses ranging from ancient times through 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.

Departmental Honors and Honor Societies
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. 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 will appear on the academic transcript.

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

Advanced Placement
3 credits are given to those students who have attained a score of 3 or better on the American/European/World Advanced Placement Exams(s). Each test is equivalent to 3 credits; a total of 9 credits may be awarded. The credits are counted as electives; they do not replace courses required for graduation in the History major nor do they fulfill the Historical Way of Knowing.

History Club
All students, regardless of major, are invited to join the History Club. One of the oldest student organizations on campus, the History Club actively engages students beyond the classroom by sponsoring a series of films and lectures throughout the academic year as well as organizing trips to many historical sites of interest in the area. Students are also encouraged to participate in hosting the Department’s international Legacy Conference series. The next conference to be held in November 2014 will be the Legacy of the Great War.

General Course Options
A variety of History courses are open to students in any major wishing to fulfill the 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-101: Western Civilization: Antiquity - Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation - Present (WOK: Historical)
- HIST-104: Topics in Global History (WOK: Historical)
Major in History ~ 39 credits

Chestnut Hill College offers the Bachelor of Arts (BA) in History. 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 to successfully complete the requirements for the Major. An Independent Study (HIST-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major:

~ HIST-101: Western Civilization: Antiquity - Renaissance (WOK: Historical)
~ HIST-102: Western Civilization: Protestant Reformation - Present
~ HIST-397: Junior Research Methods Seminar
~ HIST-497: History and Historiography
~ HIST-498: Senior Seminar in History

One Writing Intensive course in History (3 credits/also applies to area indicated) chosen from the following:

~ HIST-218: French Revolution (Also fulfills 3 credits of European History)
~ HIST-219: France and the Modern World (Also fulfills 3 credits of European History)
~ HIST-322: Genocide in the Modern World (Also fulfills 3 credits of World History)
~ HIST-330: Revolution/War/Peace: Women’s Activism in the Modern World (Also fulfills 3 credits of World History)

Two American History courses (6 credits) chosen from the following:

~ HIST-141: American Survey: Colonial - Civil War (Required for Secondary Education Co-Major)
~ HIST-142: American Survey: Reconstruction - Present (Required for Secondary Education Co-Major)
~ 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 (Required for Secondary Education Co-Major)
~ HIST-270: History of Chestnut Hill
~ HIST-281: Special Topics in History/American History/Topics vary (Repeatable for credit)
~ HIST-332: Cities and Suburbs
~ HIST-334: The American Presidency
~ HIST-343: The Civil War and American Life
~ HIST-481: Special Topics in History/American History/Topics vary (Repeatable for credit)

Two European History courses (6 credits) chosen from the following:
~ 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 (Also fulfills Writing Intensive requirement)
~ HIST-219: France and the Modern World (Also fulfills Writing Intensive requirement)
~ 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/European History/Topics vary (Repeatable for credit)
~ HIST-481: Advanced Special Topics in History/European History/Topics vary (Repeatable for credit)

One World History course (3 credits) chosen from the following:
~ 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/World History/Topics vary (Repeatable for credit)
~ HIST-322: Genocide in the Modern World (Also fulfills Writing Intensive requirement)
~ HIST-330: Revolution/War/Peace: Women's Activism in the Modern World (Also fulfills Writing Intensive requirement)
~ HIST-481: Advanced Special Topics in History/World History/Topics vary (Repeatable for credit)

Three History courses in any area (9 credits) chosen in consultation with a Faculty Advisor.
Please note: HIST-403: Fieldwork in History is NOT applicable towards the Major.

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>FYIN-120 (1 cr)*</td>
<td>CARE-101 (1 cr)*</td>
<td>WOK or elective (1 cr)</td>
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Year One Spring - 13/14 | Year Two Spring - 15/16 | Year Three Spring - 16 | Year Four Spring - 15
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HIST-102 | American History #2 | HIST-397 | HIST-498
ENGL-101 | World History | PSPK-101 (1 cr) | WOK or elective
WOK or elective | HIST Elective (WI) | Minor #3 or elective | WOK or elective
WOK or elective | WOK or elective | Minor #4 or elective | WOK or elective
WOK or elective (1 cr) | Minor #1 or elective | WOK or elective | WOK or elective
PHED #1/ Evanston Test (1 cr)* | PHED #2 (1 cr)* | WOK or elective | WOK or elective

Major in History/Secondary Education Co-Major/Special Education Minor

The Secondary Education Certification Program in Social Studies (Grades 7-12) is available to History majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) now requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. In addition, participants will need to meet field experience competencies that will either require two separate practicum experiences, or one practicum and one extended student teaching experience.

Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript unless student teaching is successfully completed before conferral. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the program; students must have Career GPA of 2.8 or higher to qualify for teacher certification.

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 2.80 or above are required for Certification. Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major. Courses are 3 credits unless indicated and may not be offered every semester:

Required in the Major and Co-Major:
- EDSC-203: Foundations of High School Education
- EDSC-315: General Methods and Assessment
- EDSC-318: Special Methods in Social Studies
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits - 15 weeks)
- EDSC-421: Clinical/Student Teaching Seminar
- ECON-101: Macroeconomic Principles
- GEOG-201: World Geography: Humanity and the Environment
- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation - Present
- HIST-141: American Survey: Colonial - Civil War
- HIST-142: American Survey: Reconstruction - Present
- HIST-250: The Pennsylvania Experience
- HIST-397: Junior Research Methods Seminar
- HIST-497: History and Historiography
- HIST-498: Senior Seminar in History

One Writing Intensive course in History (3 credits) chosen from the following:
- HIST-218: French Revolution
- HIST-219: France and the Modern World
- HIST-322: Genocide in the Modern World
- HIST-330: Revolution/War/Peace: Women's Activism in the Modern World
Two European History courses (6 credits) chosen from the following:
~ 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
~ HIST-219: France and the Modern World
~ 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/European History/Topics vary (Repeatable for credit)
~ HIST-481: Advanced Special Topics in History/European History/Topics vary (Repeatable for credit)

One World History course (3 credits) chosen from the following:
~ 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/World History/Topics vary (Repeatable for credit)
~ HIST-322: Genocide in the Modern World
~ HIST-330: Revolution/War/Peace: Women's Activism in the Modern World
~ HIST-481: Advanced Special Topics in History/World History/Topics vary (Repeatable for credit)

One History courses in any area (3 credits) chosen in consultation with a Faculty Advisor.
Please note: HIST-403: Fieldwork in History is NOT applicable towards the Major.

Two Mathematics courses (6 credits) chosen from the following:
~ 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-202: Math for Management II/Applied Calculus (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-233: Basic Mathematical Theory and Applications III (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)

Two Political Science courses (6 credits) chosen from the following:
~ PSCI-101: Introduction to Political Science
~ PSCI-112: American State and Local Government
~ PSCI-113: American Political Process
~ PSCI-130: The Rule of Law
~ PSCI-140: Introduction to World Politics
~ PSCI-214: Constitutional Law: Civil Liberties
~ PSCI-230: Introduction to Comparative Politics/Governmental Systems
One Science course (4 credits) chosen from the following:
- BIOL-106: Ecology and Environmental Issues (4 credits/WOK: Scientific)
- CHEM-103: Chemistry and Public Policy (4 credits/WOK: Scientific)

Two Sociology courses (6 credits) chosen from the following*:
- SOCI-101: Introduction to Sociology (WOK: Behavioral)
- SOCI-103: Social Problems (WOK: Behavioral)
- SOCI-104: Major Global Problems (WOK: Behavioral)
- SOCI-127: Ethnicity (WOK: Behavioral)

* Other SOCI courses may be available however any course not indicated MUST be approved by the Sociology Department in collaboration with the Education Department.

**Required Minor in Special Education ~ 15 credits**
Courses are required for all Education program Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

- EDSC-201: Adolescent Development and Learning
- EDSP-312: Reading Intervention for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-390: ESL Foundations and Methods

**Sample Bachelor of Arts: Major in History/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 127**

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**Take PAPA Series**

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<td>PHED #2 (1 cr)*</td>
<td>WOK (L or A)</td>
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**Apply for formal acceptance/Benchmark 1**
**Apply for EDSC-317: Field Experience**
**Apply for EDSC-420: Clinical Field Experience/Benchmark 2 when approved**
**Take PRAXIS II/Benchmark 3 after program completion**

**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 the minor. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Lorraine Coons, Room 377, Fournier Hall. Telephone: 215.248.7184. Email: lcoons@chc.edu. **Requirements:**

- HIST-101: Western Civilization: Antiquity-Renaissance (WOK: Historical)
- HIST-102: Western Civilization: Protestant Reformation - Present (WOK: Historical)
Four History courses (12 credits) chosen from the following:
- HIST-104: Topics in Global History
- HIST-106: Survey of Women's History
- HIST-110: History of East Asia
- HIST-141: American Survey: Colonial - Civil War
- HIST-142: American Survey: Reconstruction - Present
- HIST-200: Ancient Near-Eastern and Mediterranean World
- 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-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-246: History of Vietnam
- 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-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)
- HIST-332: Cities and Suburbs
- HIST-334: The American Presidency
- HIST-343: The Civil War and American Life
- HIST-481: Special Topics in History/Topics vary by semester (Repeatable for credit)

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. Contact Dr. Lorraine Coons, Room 377, Fournier Hall. Telephone: 215.248.7184. Email: lcoons@chc.edu, or Dr. Nancy Porter, Room 14, St. Joseph Hall for assistance with this minor. 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 and may not be offered every semester. Requirements:

Six courses (18 credits) chosen in conjunction with a Faculty Advisor from the following:
- ARTH-201: Historical Survey of Women Artists (WOK: Artistic)
- CRJU-210/SOCI-210: Gender and the Law (WOK: Behavioral)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- GLST-201: Global Awareness Seminar *
- HIST-106: Survey of Women's History (WOK: Historical)
- HIST-228: Women in Modern European Society (WOK: Historical)
- HIST-330: Revolution/War/Peace: Women's Activism in the Modern World (WOK: Historical/Writing Intensive)
- PSCI-217: Women in Politics (WOK: Behavioral/Writing Intensive)
- PSYC-109: Psychology of Women (WOK: Behavioral)
- RLST-211: Women in the Bible
~ RLST-222: Marriage and Family
~ RLST-241: Models/Mentors in Christian Traditions
~ RLST-242: Women in Society and Religion
~ SOCI-126: Gender and Society (WOK: Behavioral)
~ SOCI-201: Social Inequality (WOK: Behavioral)
~ SPAN-362: Hispanic Women Writers (WOK: Literary)

* May be acceptable for the minor depending on the topic. Permission of the minor advisor is required for this course to count for the minor
Political Science
Jacqueline Reich, PhD, Associate Professor of Political Science - Coordinator of Political Science and Global Studies
Philip McGovern, MA, Adjunct Faculty, Political Science
Barbara Nolan, SSJ, PhD, Adjunct Professor of Political Science
Juliane Troicki, PhD, Assistant Professor of Political Science

Chestnut Hill College offers the Bachelor of Arts (BA) in Political Science as well as a minor in Political Science. Interested students should contact Dr. Jacqueline Reich, Room 375, Fournier Hall. Telephone: 215.753.3630. Email: reichj@chc.edu.

Program Mission
The Political Science program aims to provide students with a strong background in the major areas of the discipline: American Politics, comparative politics, political theory and international relations. Through study of these major subfields, participation in hands-on experiences such as simulations and small group activities, and practice in analysis through essay exams, papers and oral presentations, political science majors gain a broad content knowledge and the necessary critical thinking skills to become active citizens in local, national, and global arenas. Study in political science also gives students the foundational skills to pursue careers in varied fields such as the law, government, business, public administration, journalism, civil service, and teaching, among others.

Advanced Placement
For a grade of 4 or 5 on the American Government Advanced Placement Exam, the student will be awarded 3 credits equivalent to PSCI 113: American Political Process, which fulfills the Behavioral Way of Knowing. For a grade of 4 or 5 on the Comparative Politics AP Exam, the student will be awarded 3 credits equivalent to PSCI-230: Introduction to Comparative Politics, which also fulfills the Behavioral Way of Knowing. A student who has earned a score of 3 on the American Government AP Exam and/or the Comparative Government AP Exam will be awarded 3 elective credits for each. Electives do not fulfill Ways of Knowing or major requirements.

Departmental 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. 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 will appear on the academic transcript.

Associations
Any student, regardless 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.

General 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. 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-217: Women in Politics (WOK: Behavioral/Writing Intensive)
~ 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-240: Theories of International Relations (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 (WOK: Behavioral/Writing Intensive)
~ PSCI-481: Advanced Special Topics in Political Science/Topics vary by semester (Repeatable for credit)

**Major in Political Science ~ 39 credits**

Chestnut Hill College offers the Bachelor of Arts (BA) in Political Science. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (PSCI-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**
~ PSCI-101: Introduction to Political Science (WOK: Behavioral)
~ PSCI-498: Senior Seminar in Political Science

One **Writing Intensive** course (3 credits) chosen from the following:
~ PSCI-217: Women in Politics (Writing Intensive)
~ PSCI-330: Government and Politics of the Middle East (Writing Intensive)

One course in each of the following areas (12 credits total):

**American Politics** (one course, 3 credits):
~ PSCI-112: State and Local Government
~ PSCI-113: American Political Process
~ PSCI-114: American Political Parties
~ PSCI-117: Principles of Business Law
~ PSCI-118: Mass Media and Politics
~ PSCI-214: Constitutional Law: Civil Liberties
~ PSCI-217: Women in Politics (Writing Intensive)
~ PSCI-281: Special Topics in Political Science/American Politics/Topics vary (Repeatable for credit)
~ PSCI-481: Advanced Special Topics in Political Science/American Politics/Topics vary (Repeatable for credit)

**Political Theory** (one course, 3 credits):
~ PSCI-281: Special Topics in Political Science/Political Theory/Topics vary (Repeatable for credit)
~ PSCI-321: Political Theories: Ancient and Medieval
~ PSCI-322: Political Theories: 17th To 20th Century
~ PSCI-481: Advanced Special Topics in Political Science/Political Theory/Topics vary (Repeatable for credit)

**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-281: Special Topics in Political Science/Comparative Politics/Topics vary (Repeatable for credit)
~ PSCI-330: Government and Politics of the Middle East (Writing Intensive)
~ PSCI-481: Advanced Special Topics in Political Science/Comparative Politics/Topics vary (Repeatable for credit)

**International Relations** (one course, 3 credits):
~ PSCI-140: Introduction to World Politics
~ PSCI-240: Theories of International Relations
Six additional Political Science courses (18 credits) chosen from the areas above, once the minimum requirement of one course (3 credits) has been met.

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 120**

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**Minor in Political Science ~ 18 credits**

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (PSCI-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Jacqueline Reich, Room 375, Fournier Hall. Telephone: 215.753.3630. Email: reichj@chc.edu. **Requirements:**

One Political Science course (3 credits) chosen from the following:

~ PSCI-214: Constitutional Law: Civil Liberties (WOK: Behavioral)
~ PSCI-217: Women in Politics (WOK: Behavioral -Writing Intensive)
~ 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-240: Theories of International Relations (WOK: Behavioral)
~ PSCI-241: American Foreign Policy (WOK: Behavioral)
~ PSCI-242: International Organization (WOK: Behavioral)
~ PSCI-321: Political Theories: Ancient and Medieval (WOK: Behavioral)
~ PSCI-322: Political Theories: 17th To 20th Century (WOK: Behavioral)
~ PSCI-330: Government and Politics of the Middle East (WOK: Behavioral/Writing Intensive)
~ PSCI-341: International Political Economy (WOK: Behavioral)

One additional course (9 credits total) from each of the following areas:  
**American Politics** (one course, 3 credits):
~ PSCI-112: State and Local Government
~ PSCI-113: American Political Process
~ PSCI-114: American Political Parties
~ PSCI-117: Principles of Business Law
~ PSCI-118: Mass Media and Politics
~ PSCI-214: Constitutional Law: Civil Liberties
~ PSCI-217: Women in Politics (Writing Intensive)
~ PSCI-281: Special Topics in Political Science/American Politics/Topics vary (Repeatable for credit)
~ PSCI-481: Advanced Special Topics in Political Science/American Politics/Topics vary (Repeatable for credit)

**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-281: Special Topics in Political Science/Comparative Politics/Topics vary (Repeatable for credit)
~ PSCI-481: Advanced Special Topics in Political Science/Comparative Politics/Topics vary (Repeatable for credit)

**International Relations** (one course, 3 credits):
~ PSCI-140: Introduction to World Politics
~ PSCI-240: Theories of International Relations
~ PSCI-241: American Foreign Policy
~ PSCI-242: International Organization
~ PSCI-341: International Political Economy
~ PSCI-281: Special Topics in Political Science/International Relations/Topics vary (Repeatable for credit)
~ PSCI-481: Advanced Special Topics in Political Science/International Relations/Topics vary (Repeatable for credit)

Two additional Political Science courses from any area (6 credits) chosen with a Faculty Advisor.
Chestnut Hill College offers the Bachelor of Science (BS) in Biology, the Bachelor of Science (BS) in Forensic Biology, the Bachelor of Science (BS) in Molecular Biology, and the Bachelor of Science (BS) in Environmental Sciences. In addition, the Department offers minors in Biology, Molecular Biology, and Environmental Sciences. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

**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. The major in Forensic Biology prepares students for entry into the field of forensics with an emphasis on the analysis of evidence of biological origin.

**Articulation Agreements**

Students interested in any of the following programs should contact Dr. Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu

**Physician’s Assistant Program**

Chestnut Hill College and Arcadia University have entered into an articulation agreement concerning the early consideration for acceptance of Chestnut Hill College graduates into the Physician’s Assistant Program at Arcadia with early consideration for financial aid. Certain requirements must be met by the College graduate including but not limited to: certain course requirements, GPA of 3.30 in Pre-Requisite courses, and 500 hours of patient care and/or research experience. Please note that the course requirements of this articulation agreement will be met by students majoring in Biology or Molecular Biology.

**Bioscience Technologies (Biotechnology, Cytotechnology, Medical Technology) Program**

Students can earn both a Bachelor of Science in Biology and a Master of Science in Biotechnology, Cytotechnology, or Medical Laboratory Science as part of this cooperative agreement between Chestnut Hill College and Jefferson School of
Health Professions of Thomas Jefferson University (TJU). Students will spend the first three years at Chestnut Hill College and then proceed to TJU for the final two years of coursework. A Bachelor of Science in Biology with a concentration in Bioscience Technologies will be awarded by the College after successful completion of the first year at TJU. A Master of Science in one of the Bioscience Technologies disciplines will be awarded by Thomas Jefferson University after successful completion of the second year at TJU.

Radiologic Sciences Program
Students can earn both a Bachelor of Science in Biology and a Bachelor of Science in Radiologic Sciences as part of this cooperative agreement between Chestnut Hill College and Jefferson School of Health Professions of Thomas Jefferson University (TJU). Students will spend the first three years at Chestnut Hill College and then proceed to TJU for the final two years of coursework. A Bachelor of Science in Biology with a concentration in Radiologic Sciences will be awarded by the College after successful completion of the first year at TJU. A Bachelor of Science in Radiologic Sciences will be awarded by Thomas Jefferson University after successful completion of the second year at TJU.

Awards and Scholarships
The Biology Department offers majors 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 3.40 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. For information, please contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall, Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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, Forensic 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 in Music, or participate in the College’s Ensemble programs to the satisfaction of the scholarship committee, concurrently with a Major in the biological sciences. The award total over four years is $2500. For information, please contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall, Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

Departmental Honors and Honor Societies
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. 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 will appear on the academic transcript.

Sigma Zeta is a national science and mathematics honor society founded in 1925. The society is dedicated to encouraging and fostering the attainment of knowledge in Mathematics, Computer Science, and the Natural Sciences. Membership in the society recognizes and honors scholarly achievement in the major field. Criteria for eligibility for membership include a minimum of 15 credits the major field, a grade point average of 3.00 in the major field, and a 3.00 grade point average overall. Students majoring in Biology, Forensic Biology, Molecular Biology, or Environmental Sciences may be invited by the department to join Sigma Zeta.

Advanced Placement
Students that have attained a score of 3 on the Biology Advanced Placement Exam will receive 4 credits equivalent to BIOL-111: Principles of Biology I, which fulfills the Scientific Way of Knowing. Students with a score of 4 or 5 will receive 4 credits equivalent to BIOL-112: Principles of Biology II, which also fulfills the Scientific Way of Knowing. A maximum of 4 credits may be applied based on the qualifying Biology test score.
A score of 3, 4 or 5 on the Environmental Science AP Exam will be considered equivalent to completion of 

**BIOL-106: Ecology and Environmental Issues. 4 credits, which fulfill the Scientific Way of Knowing requirement, are applied.**

**Beyond the Bachelors Degree**

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 to plan an appropriate course of 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

**Seminar Series**

The Biology Department sponsors two annual seminar series events:

- 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 students with an 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.

**General 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 on the following:

- BIOL-101: General Biology I (3.5 credits/WOK: Scientific)
- BIOL-102: General Biology II (3.5 credits/WOK: Scientific)
- BIOL-106: Ecology and Environmental Issues (4 credits/WOK: Scientific)
- BIOL-125: Ponds and Streams (4 credits/WOK: Scientific)
- BIOL-126: The Biology of Cancer (4 credits/WOK: Scientific)
- BIOL-145: Forests and Fields (WOK: Scientific)
- BIOL-206: General Zoology (4 credits/WOK: Scientific)
- BIOL-210: Nutrition (4 credits/WOK: Scientific)

**Biology**

Students participate in various intercollegiate scientific seminars and often earn distinction and 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, which provides greater levels of challenge.

**Major in Biology ~ 65 credits minimum**

Chestnut Hill College offers the Bachelor of Science (BS) in Biology. 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. Un-
less indicated, students must earn a grade of C- (1.70) or better in courses both Required in the Major and Also Required to successfully complete the requirements for the Major. An Independent Study (BIOL-490) may be available with appropriate permissions. Students may 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. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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 200-level Biology course (minimum 3 credits) chosen from the following:
~ 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 (Repeatable for credit)

Two 300-level Biology courses (minimum 7 credits) chosen from the following:
~ BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
~ BIOL-303: Human Anatomy and Physiology II (4 credits)
~ BIOL-312: Watersheds and Freshwater Ecology (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
~ BIOL-360: Biotechnology

Two 400-level Biology courses (minimum 7 credits) chosen from the following:
~ 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)
~ PHYS-121: Principles of Physics I (4 credits)

One Organic Chemistry course (minimum 3 credits) chosen from the following:
~ CHEM-215: Organic Chemistry I (4 credits)
~ CHEM-202 Introduction to Organic Chemistry

One Math course (3 credits) chosen from the following:
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
~ MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)

One Statistics course (3 credits) chosen from the following:
~ MATH-262: Probability and Statistics
~ MATH-227: Introduction to Probability and Statistics
At least one course from two or more* of the following areas (minimum 7 credits):

**Chemistry:**
~ CHEM-216: Organic Chemistry II (4 credits)
~ CHEM-250: Introduction to Biochemistry

**Math:**
~ MATH-202: Math for Management II/Applied Calculus
~ MATH-204: Analytic Geometry and Calculus II
~ MATH-212: Calculus and Modern Analysis II

**Physics:**
~ PHYS-122: Principles of Physics II (4 credits)

* For students considering graduate study, a course from each of the areas (CHEM, MATH, PHYS) is highly recommended.

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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Major in Biology

Concentration in Bioscience Technologies ~ 47 CHC credits minimum

A Bachelor of Science (BS) in Biology with a Concentration in Bioscience Technologies will be awarded by the College after successful completion of the first year at TJU. 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 to successfully complete the requirements for the Major. An Independent Study (BIOL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Students interested should contact Dr. Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu

Required in the Major:
~ BIOL-III: Principles of Biology I (4 credits/WOK: Scientific)*
~ BIOL-II2: Principles of Biology II (4 credits)*
~ BIOL-201: Cell Biology (4 credits)*
~ BIOL-203: Human Anatomy and Physiology I (4 credits) *
~ BIOL-217: Genetics (4 credits)*
~ BIOL-303: Human Anatomy and Physiology II (4 credits) *

One 200-level or above Biology course (minimum 3 credits) chosen from the following*:
~ BIOL-206: General Zoology (4 credits)
~ BIOL-210: Nutrition (4 credits)
- BIOL-281: Special Topics in Biology/Topics vary by semester (Repeatable for credit)
- BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
- BIOL-312: Watersheds and Freshwater Ecology (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
- BIOL-360: Biotechnology
- 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)
- MATH-262: Probability and Statistics

One Organic Chemistry course (minimum 3 credits) chosen from the following:
- CHEM-215: Organic Chemistry I (4 credits)
- CHEM-202: Introduction to Organic Chemistry

One Chemistry course (minimum 3 credits) chosen from the following:
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-250: Introduction to Biochemistry

One Math course (3 credits) chosen from the following:
- MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)

* Satisfies a specific Thomas Jefferson University prerequisite requirement for the Master’s in Bioscience Technologies program.

Sample Bachelor of Science: Biology Major/ Bioscience Technologies 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120 including transferred credits from Thomas Jefferson University.

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Courses at Thomas Jefferson University
Major in Biology  
Concentration in Radiologic Sciences ~ 49 CHC credits minimum

A Bachelor of Science (BS) in Biology with a concentration in Radiologic Sciences will be awarded by the College after successful completion of the first year at TJU. 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 to successfully complete the requirements for the Major. Courses are 3 credits unless indicated and may not be offered every semester. Students interested should contact Dr. Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu.

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-203: Human Anatomy and Physiology I (4 credits) *
- BIOL-217: Genetics (4 credits)
- BIOL-303: Human Anatomy and Physiology II (4 credits)*
- BIOL-332: Medical Terminology *

Also Required:
- CHEM-131: Principles of Chemistry I (4 credits) (WOK: Scientific)*
- CHEM-132: Principles of Chemistry II (4 credits) *
- MATH-262: Probability and Statistics *
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

One Math course (3 credits) chosen from the following:
- MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving) *
- MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving) *

* Satisfies a specific Thomas Jefferson University prerequisite requirement for the Master's in Bioscience Technologies program.

Sample Bachelor of Science: Biology Major/ Bioscience Technologies 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120 including transferred credits from Thomas Jefferson University.

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Major in Biology/Secondary Education Co-Major/ Special Education Minor
The Secondary Education Certification Program in Biology (Grades 7-12) is available to Biology majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the
Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) now requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. In addition, participants will need to meet field experience competencies that will either require two separate practicum experiences, or one practicum and one extended student teaching experience.

Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript unless student teaching is successfully completed before conferral. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the program; students must have Career GPA of 2.8 or higher to qualify for teacher certification.

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 2.80 or above are required for Certification. Majors may need to retake courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major. Courses are 3 credits unless indicated and may not be offered every semester.

Required in the Major and Co-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-317: Special Methods in Biology/Field Experience IIIA
- BIOL-233: Ecology and Evolutionary Biology (4 credits)
- BIOL-498: Senior Seminar in Biology
- EDSC-203: Foundations of High School Education
- EDSC-315: General Methods and Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits - 15 weeks)
- EDSC-421: Clinical/Student Teaching Seminar

One 200-level Biology course (minimum 3 credits) chosen from the following:
- 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 (Repeatable for credit)

One 300-level Biology courses (minimum 3 credits) chosen from the following:
- BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
- BIOL-303: Human Anatomy and Physiology II (4 credits)
- BIOL-312: Watersheds and Freshwater Ecology (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
- BIOL-360: Biotechnology

Two 400-level Biology courses (minimum 7 credits) chosen from the following:
- 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)
~ PHYS-121: Principles of Physics I (4 credits)

One Organic Chemistry course (minimum 3 credits) chosen from the following:
~ CHEM-215: Organic Chemistry I (4 credits)
~ CHEM-202 Introduction to Organic Chemistry

One Math course (3 credits) chosen from the following:
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
~ MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)

One Statistics course (3 credits) chosen from the following:
~ MATH-262: Probability and Statistics
~ MATH-227: Introduction to Probability and Statistics
~ PSYC-216: Quantitative Methods in Psychology

At least one course from two or more* of the following areas (minimum 7 credits):

Chemistry:
~ CHEM-216: Organic Chemistry II (4 credits)
~ CHEM-250: Introduction to Biochemistry

Math:
~ MATH-202: Math for Management II/Applied Calculus
~ MATH-204: Analytic Geometry and Calculus II
~ MATH-212: Calculus and Modern Analysis II

Physics:
~ PHYS-122: Principles of Physics II (4 credits)

Required Minor in Special Education ~ 15 credits
Courses are required for all Education program Majors. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
~ EDSP-312: Reading Intervention for Diverse Learners
~ EDSP-340: Introduction to Special Education
~ EDSP-345: Assessments and Adaptations
~ EDSP-390: ESL Foundations and Methods

Sample Bachelor of Arts: Biology Major/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit; these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 128

<table>
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<td>Historical WOK</td>
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TAKE PAPA SERIES
Minor in Biology ~ 18 credits minimum

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 must be advised by the Biology Department. **Note:** Molecular Biology and Environmental Sciences majors may not obtain a minor in Biology. 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 and may not be offered every semester. **Requirements:**

~ Six Biology courses, including at least two above the 100-level.

Forensic Biology

Major in Forensic Biology ~ 73 credits minimum

Chestnut Hill College offers the Bachelor of Science (BS) in Forensic Biology. 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** to successfully complete the requirements for the Major. An Independent Study (BIOL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

**Required in the Major:**

~ 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-203: Human Anatomy and Physiology I (4 credits)
~ BIOL-217: Genetics (4 credits)
~ BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
~ BIOL-303: Human Anatomy and Physiology II (4 credits)
~ BIOL-430: Forensic Pathology
~ BIOL-498: Senior Seminar in Biology

**One Biology course (4 credits) chosen from the following:**

~ BIOL-324: Microbiology (4 credits)
~ BIOL-410: Immunology (4 credits)

**One Biology course (3 credits) chosen from the following:**

~ BIOL-351: Molecular Biology
~ BIOL-360: Biotechnology

**Also Required:**

~ CHEM-106: Introduction to Forensic Science (4 credits/WOK: Scientific)
~ CHEM-131: Principles of Chemistry I (4 credits)
~ CHEM-132: Principles of Chemistry II (4 credits)
~ CHEM-215: Organic Chemistry I (4 credits)
~ CHEM-322: Toxicology
~ CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
~ MATH-202: Math for Management II/Applied Calculus (WOK: Problem Solving)
~ PHYS-121: Principles of Physics I (4 credits)

One Statistics course (3 credits) chosen from the following:
~ MATH-227: Introduction to Probability and Statistics
~ MATH-262: Probability and Statistics
~ PSYC-216: Quantitative Methods in Psychology

Recommended but not required:
~ PHYS-122: Principles of Physics II (4 credits)

Sample Bachelor of Science: Forensic 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 121

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**Molecular Biology**

**Major in Molecular Biology ~ 65 credits minimum**

Chestnut Hill College offers the Bachelor of Science (BS) in Molecular Biology. 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 to successfully complete the requirements for the Major. An Independent Study (BIOL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

**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
~ BIOL-360: Biotechnology (approval pending)
~ BIOL-498: Senior Seminar in Biology

**One Biology course (4 credits) chosen from the following:**
~ BIOL-410: Immunology (4 credits)
~ BIOL-411: Developmental Biology (4 credits)

**One 200-level Biology course (minimum 3 credits) chosen from the following:**
~ BIOL-203: Human Anatomy and Physiology I (4 credits)
~ BIOL-206: General Zoology (4 credits)
~ BIOL-210: Nutrition (4 credits)
~ BIOL-233: Ecology and Evolutionary Biology
~ BIOL-281: Special Topics in Biology/Topics vary by semester (Repeatable for credit)
One 300-level Biology course (minimum 3 credits) chosen from the following:
- BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
- BIOL-303: Human Anatomy and Physiology II (4 credits)
- BIOL-312: Watersheds and Freshwater Ecology (4 credits)
- BIOL-322: Terrestrial Ecology (4 credits)
- BIOL-324: Microbiology (4 credits)
- BIOL-325: Marine Biology (4 credits)
- BIOL-333: Evolution

One 400-level Biology course (minimum 3 credits) chosen from the following:
- 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 credit/WOK: Scientific)
- CHEM-132: Principles of Chemistry II (4 credits)
- PHYS-121: Principles of Physics I (4 credits)

One Organic Chemistry course (minimum 3 credits) chosen from the following:
- CHEM-202: Introduction to Organic Chemistry
- CHEM-215: Organic Chemistry I (4 credits)

One Math course (3 credits) chosen from the following:
- MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
- MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)

One Statistics course (3 credits) chosen from the following:
- MATH-227: Introduction to Probability and Statistics
- MATH-262: Probability and Statistics
- PSYC-216: Quantitative Methods in Psychology

One course * (minimum 3 credits) chosen from the following:
- MATH-202: Math for Management II/Applied Calculus
- MATH-204: Analytic Geometry and Calculus II
- MATH-212: Calculus and Modern Analysis II
- PHYS-122: Principles of Physics II (4 credits)

* For students considering graduate study, a course from each of the areas (MATH and PHYS) is highly recommended

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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

<table>
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<th>Year One Fall - 14/15</th>
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<td>Minor #3</td>
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Minor in Molecular Biology ~ 22 credits minimum
This minor is designed for Science, Mathematics, 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 and may not be offered every semester. Requirements:

~ 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
~ BIOL-351: Molecular Biology

Environmental Science
Major in Environmental Science ~ 69 credits minimum
Chestnut Hill College offers the Bachelor of Science (BS) in Environmental Science. 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 to successfully complete the requirements for the Major. An Independent Study (BIOL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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)
~ BIOL-498: Senior Seminar in Biology

One 300-level Biology course (minimum 3 credits) chosen from the following:
~ BIOL-300: Experimental Methods and Design (4 credits/Writing Intensive)
~ BIOL-318: Human Anatomy and Physiology II (4 credits)
~ BIOL-324: Microbiology (4 credits)
~ BIOL-325: Marine Biology (4 credits)
~ BIOL-333: Evolution
~ BIOL-351: Molecular Biology

One 400-level Biology course (minimum 3 credits) chosen from the following:
~ BIOL-401: Internship in Biology (Repeatable for credit)
~ BIOL-405: Environmental Study Tour (4 credits)
~ BIOL-410: Immunology (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-242: Environmental Chemistry
~ PHYS-121: Principles of Physics I (4 credits)

One Organic Chemistry course (4 credits) chosen from the following:
~ CHEM-202: Introduction to Organic Chemistry (4 credits)
~ CHEM-215: Organic Chemistry I (4 credits)
One Math course (3 credits) chosen from the following:
~ MATH-201: Math for Management I/Finite Mathematics (WOK: Problem Solving)
~ MATH-203: Analytic Geometry and Calculus I (WOK: Problem Solving)
~ MATH-211: Calculus and Modern Analysis I (WOK: Problem Solving)

One Statistics course (3 credits) chosen from the following:
~ MATH-227: Introduction to Probability and Statistics
~ MATH-262: Probability and Statistics
~ PSYC-216: Quantitative Methods in Psychology

One course * (minimum 3 credits) chosen from the following:
~ MATH-202: Math for Management II/Applied Calculus
~ MATH-204: Analytic Geometry and Calculus II
~ MATH-212: Calculus and Modern Analysis II
~ PHYS-122: Principles of Physics II (4 credits)

* For students considering graduate study, a course from each of the areas (MATH and PHYS) is highly recommended

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>MATH or PHYS area</td>
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Minor in Environmental Sciences ~ 18 credits minimum

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 and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

Requirements:
~ BIOL-111: Principles of Biology I (4 credits/WOK: Scientific)
~ BIOL-112: Principles of Biology II (4 credits/WOK: Scientific)

Four Biology courses (7 credits minimum) chosen from 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, BIOCHEMISTRY, FORENSIC CHEMISTRY and PHYSICS

Joseph Kulkosky, PhD, Associate Professor of Biology - Chair of the Natural Sciences Division; Chair of Biology and Chemistry Departments
Kathleen Duffy, SSJ, PhD, Professor of Physics - Coordinator of Physics
Kelly Butler, PhD, Associate Professor of Chemistry
Lisa Domico, Ph. D, Assistant Professor of Biology and Chemistry
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 the Bachelor of Science (BS) in Chemistry, the Bachelor of Science (BS) in Biochemistry, and a Bachelor of Science (BS) the Forensic Chemistry. The Department also offers minors in Chemistry and Biochemistry. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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 Department offers majors in Chemistry, Biochemistry, and Forensic Chemistry, 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
CHEMISTRY: For college credit to be awarded, students are required to complete the AP exam and demonstrate sufficient laboratory skills as evidenced by a laboratory notebook. The laboratory notebook will be reviewed and approved by the Department of Chemistry before credit is awarded. A grade of 5 on the AP exam may be considered equivalent to completion of CHEM-132: Principles of Chemistry II and the student will receive 4 credits. A grade of 4 may be considered equivalent to completion of CHEM-131: Principles of Chemistry I and the student will receive 4 credits. For a grade of 3 the student may be awarded 4 credits that will fulfill the Scientific Way of Knowing requirement. A maximum of 4 credits may be applied based on the qualifying Chemistry test score.

PHYSICS: A grade of 4 or higher in Physics B: Mechanics AP Exam will be considered equivalent to PHYS-121: Principles of Physics I and the student will be awarded 4 credits. A grade of 4 or higher on the Physics B: Electricity and Magnetism AP Exam will be considered equivalent to PHYS-122: Principles of Physics II will be awarded 4 credits. A student with a grade of 3 or higher in Physics B: Mechanics and/or Physics B: Electricity and Magnetism may be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Way of Knowing requirement. For a grade of 3 or higher on the Physics C exam the student may be awarded either 3 or 4 credits (depending on whether the course had a laboratory component) that will count towards fulfilling the Scientific Way of Knowing requirement. Evidence of a lab component may consist of a detailed description, signed by the Instructor, of the laboratory exercises performed or a detailed laboratory notebook.

Departmental Honors and Honor Societies
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. 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 will appear on the academic transcript.
Sigma Zeta is a national science and mathematics honor society founded in 1925. The society is dedicated to encouraging and fostering the attainment of knowledge in Mathematics, Computer Science, and the Natural Sciences. Membership in the society recognizes and honors scholarly achievement in the major field. Criteria for eligibility for membership include a minimum of 15 credits in the major field, a grade point average of 3.00 in the major field, and a 3.00 grade point average overall. Students majoring in Chemistry, Biochemistry, or Forensic Chemistry may be invited by the department to join Sigma Zeta.

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 with 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 Chemistry program at Chestnut Hill College. Further details of this agreement can be obtained from the Chemistry Department.

General Course Options
Certain 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 and may not be offered every semester. A grade of C- or better is required in all Pre-Requisites. Check the Course Description section for information on the following courses:

~ 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-107: The Science of Music (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 ~ 56 credits minimum
Chestnut Hill College offers the Bachelor of Science (BS) in Chemistry. 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 to successfully complete the requirements for the Major. An Independent Study (CHEM-490) may be available with appropriate permissions. A grade of C- or better is required in all Pre-Requisites. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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-313: Physical Chemistry I (4 credits)
~ CHEM-314: Physical Chemistry II (4 credits)
~ CHEM-340: Inorganic Chemistry (4 credits)
~ CHEM-498: Senior Seminar in Chemistry
Two Chemistry courses (3 credits minimum) chosen from the following:
- CHEM-303: Instrumental Analysis (5 credits)
- CHEM-307: Biochemistry I (5 credits)
- CHEM-308: Biochemistry II
- CHEM-405: Advanced Organic Chemistry
- CHEM-481: Advanced Special Topics in Chemistry/Topics vary by semester (3-4 credits/Repeatable for credit)

Also Required:
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

One of the following Math course combinations (6 credits):
- 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)

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>CARE-101 (1 cr)*</td>
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Major in Chemistry/Secondary Education Co-Major/Special Education Minor

The Secondary Education Certification Program in Chemistry (Grades 7-12) is available to Biology majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) now requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. In addition, participants will need to meet field experience competencies that will either require two separate practicum experiences, or one practicum and one extended student teaching experience.

Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript unless student teaching is successfully completed before conferral. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the program; students must have Career GPA of 2.8 or higher to qualify for teacher certification.
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 2.80 or above are required for Certification. Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major. Courses are 3 credits unless indicated and may not be offered every semester:

**Required in the Major and Co-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 (3 credits)
- CHEM-313: Physical Chemistry I (4 credits)
- CHEM-314: Physical Chemistry II (4 credits)
- CHEM-317: Special Methods in Chemistry/General Science
- CHEM-340: Inorganic Chemistry (4 credits)
- CHEM-498: Senior Seminar in Chemistry
- EDSC-203: Foundations of High School Education
- EDSC-315: General Methods and Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits - 15 weeks)
- EDSC-421: Clinical/Student Teaching Seminar

Two Chemistry courses (3 credits minimum) chosen from the following:
- CHEM-303: Instrumental Analysis (5 credits)
- CHEM-307: Biochemistry I (5 credits)
- CHEM-308: Biochemistry II
- CHEM-405: Advanced Organic Chemistry
- CHEM-481: Advanced Special Topics in Chemistry/Topics vary by semester (3 -4 credits/ Repeatable for credit)

**Also Required:**
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

One of the following Math course combinations (6 credits):
- 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)

**Required Minor in Special Education ~ 15 credits**

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

- EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
- EDSP-312: Reading Interventions for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-390: ESL Foundations and Methods

*Sample Bachelor of Science: Major in Chemistry/Secondary Education Co-Major/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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. 

Minimum Academic Credits required for graduation: 125

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<td>EDSP-345</td>
<td>CARE-101 (1 cr)*</td>
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<tr>
<td>FYIN-120 (1 cr)*</td>
<td>Artistic WOK</td>
<td>Historical WOK</td>
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<table>
<thead>
<tr>
<th>Apply for Formal Acceptance/Benchmark 1</th>
<th>Apply for EDSC-420: Clinical Field Experience/Benchmark 2 when approved</th>
<th>Take PAPA Series</th>
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<tbody>
<tr>
<td>CHEM-131: Principles of Chemistry I (4 credits/WOK: Scientific)</td>
<td>CHEM-313 (4 cr) ETNS-201 CHEM elective EDSP-340 Literary WOK (WI)</td>
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<td>CHEM-132: Principles of Chemistry II (4 credits/WOK: Scientific)</td>
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<tr>
<td>CHEM-215: Organic Chemistry I (4 credits)</td>
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<tr>
<td>CHEM-216: Organic Chemistry II (4 credits)</td>
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</tbody>
</table>

Two additional Chemistry courses (minimum 6 credits) chosen in consultation with the Faculty Advisor.

**Minor in Chemistry ~ 22 credits minimum**

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. Courses are 3 credits unless indicated and may not be offered every semester. A grade of C- or better is required in all Pre-Requisites and a minimum of six courses are required. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu. 

**Requirements:**

~ 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)

**Biochemistry**

**Major in Biochemistry ~ 69 credits**

Chestnut Hill College offers the Bachelor of Science (BS) in Biochemistry. 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** to successfully complete the requirements for the Major. An Independent Study (CHEM-490) may be available with appropriate permissions. A grade of C- or better is required in all Pre-Requisites. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

**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 (5 credits)
~ CHEM-308: Biochemistry II (3 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)
- BIOL-201: Cell Biology (4 credits)
- BIOL-217: Genetics (4 credits)
- MATH-262: Probability and Statistics
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

One of the following Math course combinations (6 credits):
- 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)

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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit—these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 121

<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 - 14</th>
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<tr>
<td>BIOL-111 (4 cr)</td>
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<td>CHEM-301 (5 cr)</td>
<td>BIOL-201 (4 cr)</td>
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<td>GLST-201</td>
<td>CHEM-307 (5 cr)</td>
<td>CHEM-313 (4 cr)</td>
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<td>PHYS-121 (4 cr)</td>
<td>ETHS-201</td>
<td>Minor #3 or elective</td>
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<td>MATH-203/211</td>
<td>WOK or elective</td>
<td>MATH-262</td>
<td>Minor #4 or elective</td>
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<td>FYIN-120 (1 cr)*</td>
<td>CARE-101 (1 cr)*</td>
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<th>Year One Spring - 16/17</th>
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<th>Year Four Spring - 16</th>
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</thead>
<tbody>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-216 (4 cr)</td>
<td>BIOL-217 (4 cr)</td>
<td>CHEM-314 (4 cr)</td>
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<td>ENGL-101</td>
<td>PHYS-122 (4 cr)</td>
<td>CHEM-308</td>
<td>CHEM-498</td>
</tr>
<tr>
<td>MATH-204/212</td>
<td>RLST-2XX</td>
<td>PSPK-101 (1 cr)</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>Minor #1 or elective</td>
<td>WOK or elective (WI)</td>
<td>WOK or elective</td>
</tr>
<tr>
<td>PHED #1/Swim Test (1 cr)*</td>
<td></td>
<td>PHED #2 (1 cr)*</td>
<td></td>
</tr>
</tbody>
</table>

Minor in Biochemistry ~ 24 credits
Biological, 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 the requirements for the major. A grade of C- or better is required in all Pre-Requisites. 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 and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu. Requirements:
- CHEM-131: Principles of Chemistry I (4 credits/WOK: Scientific)
- CHEM-132: Principles of Chemistry II (4 credits/WOK: Scientific)
- CHEM-213: Organic Chemistry I (4 credits)
- CHEM-216: Organic Chemistry II (4 credits)
- CHEM-307: Biochemistry I (5 credits)
- CHEM-308: Biochemistry II (3 credits)

Forensic Chemistry
Major in Forensic Chemistry ~ 71 credits minimum
Chestnut Hill College offers the Bachelor of Science (BS) in Forensic Chemistry. 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 to successfully complete the requirements for the Major. An Independent Study (CHEM-490) may be available with appropriate permissions. A grade of C- or better is required in all Pre-Requisites. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

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-303: Instrumental Analysis (5 credits)
- CHEM-307: Biochemistry I (5 credits)
- CHEM-308: Biochemistry II (5 credits)
- CHEM-314: Physical Chemistry II (4 credits)
- CHEM-322: Toxicology
- CHEM-401: Internship in Forensic Chemistry
- CHEM-498: Senior Seminar in Chemistry

One additional Chemistry course (minimum 3 credits) chosen in consultation with a Faculty Advisor

Also Required:
- BIOL-111: Principles of Biology I (4 credits/WOK: Scientific)
- MATH-262: Probability and Statistics
- PHYS-121: Principles of Physics I (4 credits)
- PHYS-122: Principles of Physics II (4 credits)

One of the following Math course combinations (6 credits):
- 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)

Recommended but not required:
- CRJU-223: Criminal Law (WOK: Behavioral)

Recommended for students considering graduate school in Chemistry:
- CHEM-313: Physical Chemistry I
- CHEM-340: Inorganic Chemistry

Sample Bachelor of Science: Forensic 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

<table>
<thead>
<tr>
<th>Year One Fall - 14/15</th>
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<th>Year Three Fall - 16</th>
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<td>CHEM-301 (5 cr)</td>
<td>CHEM-241</td>
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<td>CHEM-131 (4 cr)</td>
<td>GLST-201</td>
<td>CHEM-307 (5 cr)</td>
<td>CHEM-314 (4 cr)</td>
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<td>FILA-120</td>
<td>MATH-262</td>
<td>ETHS-201</td>
<td>WOK or elective (WI)</td>
</tr>
<tr>
<td>MATH-203/211</td>
<td>PHYS-121 (4 cr)</td>
<td>Minor #1 or elective</td>
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<tr>
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<td>Minor #4 or elective</td>
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</tr>
<tr>
<td>Year One Spring - 16</td>
<td>Year Two Spring - 15/16</td>
<td>Year Three Spring - 15/16</td>
<td>Year Four Spring - 13</td>
</tr>
<tr>
<td>CHEM-132 (4 cr)</td>
<td>CHEM-216 (4 cr)</td>
<td>CHEM-303 (5 cr)</td>
<td>CHEM-498</td>
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<tr>
<td>ENGL-101</td>
<td>PHYS-122 (4 cr)</td>
<td>CHEM-308 (4 cr)</td>
<td>Minor #5 or elective</td>
</tr>
<tr>
<td>MATH-204/212</td>
<td>PSPK-101</td>
<td>CHEM-401</td>
<td>Minor #6 or elective</td>
</tr>
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<td>RLST-104</td>
<td>RLST-2XX</td>
<td>Minor #2 or elective</td>
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<td>Language 103</td>
<td>WOK or elective</td>
<td>CARE-101 (1 cr)*</td>
<td>Elective (1 cr)</td>
</tr>
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<td></td>
<td>PHED #2 (1 cr)*</td>
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</tr>
</tbody>
</table>
Chestnut Hill College offers the Bachelor of Science (BS) in Mathematics, and the Bachelor of Science (BS) in Mathematical and Computer Sciences. A minor in Mathematics is also available. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu.

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 are 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.

Advanced Placement
Students who earn a score of 3 on the Calculus AB Advanced Placement Exam will receive 3 credits for MATH-203: Analytic Geometry and Calculus I. Students who earn a score of 4 or 5 on the Calculus AB AP Exam or a score of 3 on the Calculus BC AP Exam will receive 3 credits for MATH-204: Analytic Geometry and Calculus II. Students who earn a score of 4 or 5 on the Calculus BC AP Exam will receive 3 credits for MATH-212: Calculus and Modern Analysis II. Students who earn a score of 4 or 5 on the Statistics AP Exam will receive 3 credits for MATH-227: Introduction to Statistics. Students who earn a score of 4 or 5 on the Statistics AP Exam will receive 3 credits for MATH-262: Probability and Statistics. A maximum of 6 credits may be applied based on the qualifying Mathematics test score. Any of the above fulfill the Problem Solving Way of Knowing requirement.

Core Curriculum Mathematical Proficiency for All Students
Every undergraduate 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 Mathematical Sciences 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; MATH-121: Precalculus; or will be placed in a Mathematics course suited to the chosen major.

Departmental Honors and Honor Societies
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. 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 will appear on the academic transcript.
Sigma Zeta is a national science and mathematics honor society founded in 1925. The society is dedicated to encouraging and fostering the attainment of knowledge in Mathematics, Computer Science, and the Natural Sciences. Membership in the society recognizes and honors scholarly achievement in the major field. Criteria for eligibility for membership include a minimum of 15 credits in the major field, a grade point average of 3.00 in the major field, and a 3.00 grade point average overall. Students majoring in Mathematics or in Mathematical and Computer Sciences may be invited by the department to join Sigma Zeta.

**General 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 section 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: Math for Management I/Finite Mathematics (WOK: Problem Solving)
- MATH-202: Math for Management II/Applied Calculus (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-233: Basic Mathematical Theory and Applications III (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 credits minimum**

Chestnut Hill College offers the Bachelor of Science (BS) in Mathematics. 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 to successfully complete the requirements for the Major. An Independent Study (MATH-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu.

**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 Mathematics courses (12 credits) chosen from the following:

- 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:
~ CMSC-210: Programming in Java (4 credits/WOK: Problem Solving)

One Computer Science course (minimum 3 credits) chosen from the following:
~ CMSC-190: Introduction to Programming Logic *
~ CMSC-251: Data Structures in Java (4 credits)

Recommended, but not required:
~ PHYS-121: Principles of Physics I (4 credits/WOK: Scientific)
~ PHYS-122: Principles of Physics II (4 credits)

*Students with previous programming experience take CMSC-251 instead of CMSC-190.

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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<th>Year One Fall - 15/16</th>
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<th>Year Four Fall - 15</th>
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<td>CMSC-190 or 251</td>
<td>GLST-201</td>
<td>MATH-306</td>
<td>MATH elective</td>
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<td>MATH-497 (WI)</td>
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<td>CARE-101 (1 cr)*</td>
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<td>Minor #1</td>
<td>Minor #2</td>
<td>Minor #4</td>
</tr>
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<td>PHED #1/Swim Test (1 cr) *</td>
<td>Minor #2</td>
<td>WOK or elective</td>
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<td>PHED #2 (1 cr)*</td>
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Major in Mathematics/Secondary Education Co-Major/Special Education Minor

The Secondary Education Certification Program in Mathematics (Grades 7 -12) is available to Mathematics majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) now requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. In addition, participants will need to meet field experience competencies that will either require two separate practicum experiences, or one practicum and one extended student teaching experience.

Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript unless student teaching is successfully completed before conferral. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the program; students must have Career GPA of 2.8 or higher to qualify for teacher certification.

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 2.80 or above are required for Certification. Majors may need to re-
take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major. Courses are 3 credits unless indicated and may not be offered every semester:

**Required in the Major and Co-Major:**
- EDSC-203: The Foundations of High School
- EDSC-315: General Methods and Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)
- EDSC-421: Clinical/Student Teaching Seminar
- 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-317: Special Methods in Mathematics
- MATH-342: Fundamentals of Geometry
- MATH-497: Modern Mathematical Theory I (Writing Intensive)
- MATH-498: Senior Seminar/Modern Mathematical Theory II

Three Mathematics courses (9 credits) chosen from the following:
- 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-481: Advanced Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)

**Also Required:**
- CMSC-210: Programming in Java (4 credits/WOK: Problem Solving)

One Computer Science course (minimum 3 credits) chosen from the following:
- CMSC-190: Introduction to Programming Logic *
- CMSC-251: Data Structures in Java (4 credits)

*Students with previous programming experience take CMSC-251 instead of CMSC-190.

**Required Minor in Special Education ~ 15 credits**
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. **Requirements:**

- EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
- EDSP-312: Reading Interventions for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science: Mathematics Major in Mathematics/Secondary Education Co-Major/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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 120**
### Minor in Mathematics

#### Natural Science, Humanities, or Social Science Majors ~ 18 credits

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (MATH-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu. **Requirements:**

- One of the following Math course combinations (6 credits):
  - 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)*

- Four Math courses (12 credits) chosen from the following:
  - 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

#### Business Majors ~ 18 credits

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (MATH-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu. **Requirements:**

- MATH-201: Math for Management I/Finite Mathematics *(WOK: Problem Solving)*
- MATH-202: Math for Management II/Applied Calculus *(WOK: Problem Solving)*
- MATH-227: Introduction to Probability and Statistics
Three Math courses (9 credits) chosen from the following:
~ MATH-204: Analytic Geometry and Calculus II
~ 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
~ MATH-481: Advanced Special Topics in Mathematics/Topics vary by semester (Repeatable for credit)

Minor in Mathematics
Early Education (PreK-4) or Elementary/Middle-Level Education (4-8) Majors ~ 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 and may not be offered every semester. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu. Requirements:
~ MATH-231: Basic Mathematical Theory and Applications I (WOK: Problem Solving)
~ MATH-232: Basic Mathematical Theory and Applications II (WOK: Problem Solving)

One or two Calculus courses (3 credits minimum) chosen from the following:
~ MATH-202: Math for Management II/Applied Calculus
OR
~ MATH-203: Analytic Geometry and Calculus I
~ MATH-204: Analytic Geometry and Calculus II

Two to three Math courses (6 to 9 credits) chosen from the following:
~ MATH-233: Basic Mathematical Theory and Applications III (required for Middle Level Education major)
~ 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
Chestnut Hill College offers a Bachelor of Science (BS) in Mathematical and Computer Sciences. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (MATH-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. Merilyn Ryan, SSJ, Room 174, St. Joseph Hall. Telephone: 215.753.3620. Email: ryanm@chc.edu.

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 Math course (3 credits) chosen from the following:

- 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-210: Programming in Java (4 credits)
- CMSC-251: Data Structures in Java (4 credits)
- CMSC-350: Computer Architecture and Logic Design (4 credits)

Three Computer and Information Sciences courses (9 credits) chosen with a Faculty Advisor from the following:

- CMSC-205: Systems Analysis and Design
- CMSC-279: Computer Science: History, Trends and Ethical Issues
- 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

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 121

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Major in Mathematics and Computer Sci/Secondary Education Co-Major/Special Edu Minor

The Secondary Education Certification Program in Mathematics (Grades 7 -12) is available to Mathematics and Computer Science majors seeking Pennsylvania Department of Education certification. The Program integrates educational theory and practice with field experiences that include practicum and student teaching, as well as opportunities to develop teaching competence through innovative and effective approaches to the educational process with focus on students at the Secondary Level. Students interested in the Co-Major should speak with Dr. Richard Black, Room 322, Martino Hall. Telephone: 215.242.7724. Email: BlackR@chc.edu.

The Pennsylvania Department of Education (PDE) now requires that all Secondary Education Certification Program participants have 9 credits of Special Education coursework and 3 credits of Teaching English as a Second Language coursework. In addition, participants will need to meet field experience competencies that will either require two separate practicum experiences, or one practicum and one extended student teaching experience.
Students may complete EDSC-420: Clinical Field Experience/Student Teaching after graduation but the Co-Major will not be included on the transcript unless student teaching is successfully completed before conferral. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the program; students must have Career GPA of 2.8 or higher to qualify for teacher certification.

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 2.80 or above are required for Certification. Majors may need to re-take courses with C- grades if their Career GPA is less than the Career GPA required by the PDE for Certification or if a higher grade is required to demonstrate competency as identified by the department. Courses Required in the Major comprise the Major GPA. Unless indicated, students must earn a grade of C- (1.70) or better in courses Required in the Major. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major and Co-Major:**
- EDSC-203: The Foundations of High School
- EDSC-315: General Methods & Assessment
- EDSC-420: Clinical Field Experience/Student Teaching (6 credits)
- EDSC-421: Clinical/Student Teaching Seminar
- 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-317: Special Methods in Mathematics
- MATH-342: Fundamentals of Geometry
- MATH-497: Modern Mathematical Theory I (Writing Intensive)
- MATH-498: Senior Seminar/Modern Mathematical Theory II

Three Computer and Information Sciences courses (9 credits) chosen with a Faculty Advisor from the following:
- CMSC-205: Systems Analysis and Design
- CMSC-279: Computer Science: History, Trends and Ethical Issues
- 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

**Required Minor in Special Education ~ 15 credits**
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. The Public Speaking graduation requirement is met with a grade of C or better in both EDSP-312 and EDSP-340. A lower grade in one or both courses will require the student to take PSPK-101 to meet the Public Speaking requirement for graduation. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:
- EDSC-201: Adolescent Development and Learning (WOK: Behavioral)
- EDSP-312: Reading Interventions for Diverse Learners
- EDSP-340: Introduction to Special Education
- EDSP-345: Assessments and Adaptations
- EDSP-390: ESL Foundations and Methods

Sample Bachelor of Science: Major in Mathematics/Secondary Education Co-Major/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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 121
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<td>PHED #2 (1 cr)*</td>
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**Apply for Formal Acceptance/Benchmark 1**

**Apply for EDSC-317: Field Experience**

**Apply for EDSC-420: Clinical Field Experience/Benchmark 2 When Approved**

**Take PRAXIS II/ Benchmark 3 After Program Completion**
Chestnut Hill College offers the Bachelor of Arts (BA) in Psychology, a combined degree (BA/MS) program in Counseling Psychology, and a minor in Psychology. Students interested in these programs should contact Dr. Meredith Kneavel, Room 12, St. Joseph Hall. Telephone: 215.248.7138. Email: kneavel@chc.edu.

**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 can also receive course credit for supervised field experiences through internships in their Junior and Senior years.

**Advanced Placement**

An Advanced Placement test score of 3 or higher on the Psychology Advanced Placement Exam will be accepted as 3 credits equivalent to PSYC-101: General Psychology.

**Departmental Honors and Honor Societies**

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. 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 will appear on the academic transcript.

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 academic events.

**General 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-109: Psychology of Women (WOK: Behavioral)
- PSYC-111: Industrial/Organizational 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-230: Drugs and Behavior
- PSYC-235: Forensic Psychology
- PSYC-240: Psychology of Health, Stress, and Coping (WOK: Behavioral)
- PSYC-250: Adolescence/Adulthood and Aging (WOK: Behavioral)
~ PSYC-281: Special Topics in Psychology/Topics vary by semester (Repeatable for credit)
~ PSYC-301: Group Process and Leadership
~ PSYC-481: Advanced Special Topics in Psychology/Topics vary by semester (Repeatable for credit)

**Psychology Major in Psychology ~ 36 credits**

Chestnut Hill College offers the Bachelor of Arts (BA) in Psychology. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (PSYC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester.

**Required in the Major:**
~ PSYC-101: General Psychology (WOK: Behavioral)
~ PSYC-216: Quantitative Methods in Psychology
~ PSYC-313: Research Design in Psychology (Writing Intensive)
~ PSYC-320: Psychological Measurement
~ PSYC-498: Senior Seminar in Psychology

Four courses (12 credits) - one from each of the following **Content Areas**:

**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-235: Forensic Psychology
~ PSYC-281: Special Topics in Applied Psychology/Topics vary by semester (Repeatable for credit)
~ PSYC-314: Undergraduate Research
~ PSYC-481: Advanced Special Topics in Applied 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-281: Special Topics in Clinical Psychology/Topics vary by semester (Repeatable for credit)
~ PSYC-301: Group Process and Leadership
~ PSYC-481: Advanced Special Topics in Clinical Psychology/Topics vary by semester (Repeatable for credit)

**Developmental Psychology** (one course, 3 credits):
~ PSYC-103: Psychology of Child Development
~ PSYC-250: Adolescence/Adulthood and Aging
~ PSYC-281: Special Topics in Applied Developmental Psychology/Topics vary by semester (Repeatable for credit)
~ PSYC-481: Advanced Special Topics in Developmental Psychology/Topics vary by semester (Repeatable for credit)

**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-260: Theories of Learning
~ PSYC-281: Special Topics in Experimental Psychology/Topics vary by semester (Repeatable for credit)
~ PSYC-481: Advanced Special Topics in Experimental Psychology/Topics vary by semester (Repeatable for credit)

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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation:** 120

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**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. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (PSYC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Students interested should contact Dr. Meredith Kneavel, Room 12, St. Joseph Hall. Telephone: 215.248.7138. Email: kneavel@chc.edu. **Requirements:**

~ PSYC-101: General Psychology (WOK: Behavioral)

One course (3 credits each; 4 courses total) chosen from each of the following Content Areas:

**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-235: Forensic Psychology
~ PSYC-281: Special Topics in Applied Psychology/Topics vary by semester *(Repeatable for credit)*
~ PSYC-314: Undergraduate Research
~ PSYC-481: Advanced Special Topics in Applied 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-281: Special Topics in Clinical Psychology/Topics vary by semester *(Repeatable for credit)*
~ PSYC-301: Group Process and Leadership
~ PSYC-481: Advanced Special Topics in Clinical Psychology/Topics vary by semester *(Repeatable for credit)*

**Developmental Psychology (one course, 3 credits):**
~ PSYC-103: Psychology of Child Development
~ PSYC-250: Adolescence/Adulthood and Aging
~ PSYC-281: Special Topics in Applied Developmental Psychology/Topics vary by semester *(Repeatable for credit)*
~ PSYC-481: Advanced Special Topics in Developmental Psychology/Topics vary by semester *(Repeatable for credit)*

**Experimental Psychology (one course, 3 credits):**
~ PSYC-207: Introduction to Cognitive Psychology
BA in Psychology/MS in Counseling Psychology
The BA in Psychology/MS Program in Counseling Psychology provides the opportunity for exceptionally qualified students to work on a bachelor’s degree and a master’s degree simultaneously. This program allows study at undergraduate and graduate levels in a parallel format, creating a rewarding and challenging program to focused, qualified students. Students accepted into the program may take graduate courses after completing 90 academic credits on the undergraduate level. To earn the 90 credits, students will most likely need to take summer courses and/or an overload of credits during the academic year.

Psychology majors interested in the program should set up an appointment with the Coordinator no later than the end of their second semester of enrollment at the College to discuss their interest in pursuing the BA/MS program. Coordinator: Dr. Lynn Brandsma, Room 3, St. Joseph Hall. Telephone: 215.248.7049. Email: brandsmal@chc.edu.

Students meeting the following criteria may be formally admitted to the program:

~ Completion of a minimum of 90 undergraduate credits (a minimum of 30 academic credits completed at Chestnut Hill College)
~ A Career GPA of 3.20 or above
~ Completion of at least 24 credits in Psychology courses, including PSYC-101, PSYC-206, and PSYC-217
~ A minimum GPA of 3.50 in Psychology classes with no Psychology course grade lower than B-
~ Formal acceptance into the School of Graduate Studies.

Due to the nature of the program, a specialized course plan will be developed with each student on an individual basis. 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. Students who do not appear to be on track to meet the admission requirements will be so advised. Minimum Academic Credits required for the BA: 120 Minimum Academic Credits required for the MS: 48
Religious Studies
Chestnut Hill College offers minors in Religious Studies with a Certificate in Religious Education; Religious Studies and Philosophy; Philosophy; and Peace and Justice Studies, an interdisciplinary minor. A Certificate in Religious Education for teachers and religious educators in parishes or parochial schools is also available as a standalone program; students who complete a Religious Studies minor earn the certificate automatically. Students who choose to pursue a minor in Religious Studies, Religious Studies and Philosophy, or Philosophy 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.

Department Mission
The Department of Religious Studies and Philosophy embraces the Mission and Core Values of the College. Courses foster an attitude of concern for all people, which, in turn, encourages students to become involved with service-oriented initiatives, to address issues of social justice, and to work towards systemic change.

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 Judeo-Christian faith tradition. At the same time, faculty 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.

Honor Societies
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 Alpha Nu chapter, a GPA of at least 3.50 in RLST-Religious Studies courses, and a Career GPA of at least 3.00.

General 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. Students of all religious traditions and those who are unaffiliated with a particular tradition are welcome in any class. All courses seek to give students the opportunity to explore the nature of belief as they seek to find meaning in their lives. Students explore human history in its unfolding, the needs of the world’s peoples, the tenets of Catholic Social Tradition, and the demands of moral decision-making. A welcoming environment is created where students feel safe to explore their own questions, admit to doubts, and develop the spiritual dimension of life.

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
Minor in Religious Studies with a Certificate in Religious Education ~ 18 credits

The minor in Religious Studies/Certificate in Religious Education 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. For information, contact Dr. Patrick McCauley, Room 370, Fournier Hall. Telephone: 215.753.3657. Email: mccauleyp@chc.edu. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (RLST-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ RLST-104: The Religious Imagination

Five additional Religious Studies courses (15 credits). It is recommended, but not required, that the student take at least one course from each of the subject areas.

Certificate in Religious Studies ~ 18 credits

The Certificate in Religious Studies, designed for teachers and religious educators in parishes or parochial schools, in addition to being issued to students completing the minor in Religious Studies, is also available to any non-matriculated students wishing to earn the Certificate for personal or professional reasons. For information, contact Dr. 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. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the Certificate. An Independent Study (RLST-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ RLST-104: The Religious Imagination

Five Religious Studies courses (15 credits) chosen from the subject areas above. It is recommended, but not required, that the student take at least one course from each of the subject areas.
**Peace and Justice**  
**Minor in Peace and Justice Studies ~ 18 Credits**

The goal of this interdisciplinary 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. Courses are chosen in consultation with a Faculty Advisor and at least one of the courses (must have a service learning component. For information and assistance, contact Dr. Marie Conn, Room 206, St. Joseph Hall. Telephone: 215.248.7044. Email: connm@chc.edu. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. **Requirements:**

- RLST-240: Introduction to Social Justice
- RLST-245: Catholic Social Tradition

Four courses (12 credits) chosen from the following:

- ARTH-201: Historical Survey of Women Artists (WOK: Artistic)
- ARTH-280: The Art of Black Africa (WOK: Artistic)
- BUSN-102: Business Ethics (WOK: Behavioral)
- CRJU-210/SOCI-210: Gender and the Law (WOK: Behavioral)
- CRJU-325: Restorative Justice (WOK: Behavioral)
- COMM-275: Persuasive Methods
- ENGL-251: African American Writers (WOK: Literary)
- HIST-231: History of Am Foreign Relations (WOK: Historical)
- HIST-247: African Americans During the Age of Slavery (WOK: Historical)
- HIST-248: African Americans Since Emancipation (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/Writing Intensive)
- HIST-332: Cities and Suburbs (WOK: Historical)
- HSVC-250 and SOCI-250: Heart of the City (WOK: Behavioral)
- MUSC-107: Native Peoples of North America (WOK: Artistic)
- PSYC-109: Psychology of Women (WOK: Behavioral)
- RLST-206: World Religions
- RLST-216: Fundamental Moral Theology
- RLST-217: Contemporary Moral Issues
- RLST-242: Women in Society and Religion
- RLST-244: Global Theology/The Cry for Justice
- RLST-257: Leadership for Justice
- SOCI-103: Social Problems (WOK: Behavioral)
- SOCI-104: Major Global Problems (WOK: Behavioral)
- SOCI-126: Gender and Society (WOK: Behavioral)
- SPAN-231: Introduction to Hispanic Culture I/Spain
- SPAN-232: Introduction to Hispanic Culture II/Latin America

**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, contact Dr. Patrick McCauley, Room 370, Fournier Hall. Telephone: 215.753.3657. Email: mccauleyp@chc.edu.

**General Course Options**

Philosophy courses are open to students in any major; students are encouraged to consult with a Faculty Advisor to correlate their choice of course(s) with their major field of study. Courses are 3 credits unless indicated and may not be offered every semester.

Minor in Philosophy ~ 18 credits

Students who minor in Philosophy work under the guidance of a member of the Department. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (PHIL-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. For assistance, contact Dr. Patrick McCauley, Room 370, Fournier Hall. Telephone: 215.753.3657. Email: mccauleyp@chc.edu. Requirements:

Six Philosophy courses (18 credits) chosen from the following:
~ PHIL-109: Philosophical Thinking (WOK: Problem Solving)
~ PHIL-120: 19th and 20th Century Philosophers
~ PHIL-124: Introduction to American Philosophy (WOK: Problem Solving)
~ PHIL-128: Introduction to Symbolic Logic (WOK: Problem Solving)
~ PHIL-201: Existence
~ PHIL-203: Philosophy and Literature
~ PHIL-207: History and Philosophy of Science
~ PHIL-209: History/Ancient/Medieval Philosophy
~ PHIL-215: Philosophy/Religion/Eastern World
~ PHIL-222: Introduction to Philosophy Ethics
~ PHIL-224: Introduction to Ethics and the Environment (Writing Intensive)
~ PHIL-315: Philosophy and Religion in the Eastern World

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. For assistance, contact Dr. Patrick McCauley, Room 370, Fournier Hall. Telephone: 215.753.3657. Email: mccauleyp@chc.edu. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (PHIL/RLST-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Requirements:

~ RLST-104: Religion and Culture

Five additional courses (15 credits) selected with a Faculty Advisor with at least two of the courses (6 credits) in Philosophy.
SOCIETY, CRIMINAL JUSTICE, and HUMAN SERVICES

John Kovach, PhD, Associate Professor of Sociology - Chair of the Sociology, Criminal Justice, and Human Services Department
Lauren Barrow, PhD, Assistant Professor of Criminal Justice
Nancy DeCesare, IIM, PhD, Associate Professor of Human Services
Mary Ellen Higgins, IIM, MSW, MA, Instructor of Human Services and Sociology
Barbara A. Hogan, PhD, Associate Professor of Human Services
Sara Ellen Kitchen, JD, Professor of Criminal Justice

Chestnut Hill College offers the Bachelor of Science (BS) in Sociology, the Bachelor of Science (BS) in Criminal Justice, and the 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 Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

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.

Departmental 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. 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 will appear on the academic transcript.

General 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. Courses are 3 credits unless indicated and may not be offered every semester. The following courses are open to any undergraduate student meeting the Pre-Requisites; see the Course Descriptions for information.

Sociology:
~ 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-255: Culture and Society
~ SOCI-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
~ SOCI-481: Advanced Special Topics in Sociology/Topics vary by semester (Repeatable for credit)

**Criminal Justice:**
~ CRJU-122: Introduction to Criminal Justice (WOK: Behavioral)
~ CRJU-200: World Justice and Care for Children (WOK: Behavioral)
~ CRJU-201: Crime and Punishment through Film
~ CRJU-210: Gender and the Law (WOK: Behavioral)
~ CRJU-220: Juvenile Justice (WOK: Behavioral)
~ CRJU-223: Criminal Law (WOK: Behavioral)
~ CRJU-224: Criminal Investigation
~ CRJU-225: Criminal Procedure (WOK: Behavioral)
~ CRJU-226: Deviance and Social Control (WOK: Behavioral)
~ CRJU-227: Corrections (WOK: Behavioral)
~ CRJU-230: Juvenile Delinquency (WOK: Behavioral)
~ CRJU-243: Inside-Out
~ CRJU-281: Special Topics in Criminal Justice/Topics vary by semester (Repeatable for credit)
~ CRJU-321: Criminology (WOK: Behavioral)
~ CRJU-325: Restorative Justice
~ CRJU-481: Advanced Special Topics in Criminal Justice/Topics vary by semester (Repeatable for credit)

**Human Services:**
~ 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-322: Disability and Society: Introduction to Disability Studies Seminar (WOK: Behavioral)
~ HSVC-481: Advanced Special Topics in Human Services/Topics vary by semester (Repeatable for credit)

**Sociology**

**Major in Sociology ~ 30 credits**
Chestnut Hill College offers the Bachelor of Science (BS) in Sociology. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (SOCl-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

**Required in the Major:**
~ SOCI-101: Introduction to Sociology (WOK: Behavioral)
~ SOCI-201: Social Inequality
~ SOCI-300: Sociological Theory (Writing Intensive)
~ SOCI-302: Social Science Research Methods (Writing Intensive)
~ SOCI-498: Senior Seminar in Sociology

Five Sociology* courses (15 credits) chosen from the following:
~ 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-255: Culture and Society
~ SOCI-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
~ SOCI-401: Internship in Sociology
~ 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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120

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<td>PSPK-101 (1 cr)</td>
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Minor in Sociology ~ 18 credits
Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study (SOCI-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu. Requirements:

~ SOCI-101: Introduction to Sociology (WOK: Behavioral)
~ SOCI-201: Social Inequality
~ SOCI-302: Social Science Research Methods (Writing Intensive)

Three Sociology* courses (9 credits) chosen from the following:

~ 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-255: Culture and Society
~ SOCI-281: Special Topics in Sociology/Topics vary by semester (Repeatable for credit)
~ SOCI-300: Sociological Theory (Writing Intensive)
~ SOCI-401: Internship in Sociology
~ 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**

Chestnut Hill College offers the Bachelor of Science (BS) in Criminal Justice. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (CRJU-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

**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 (Repeatable for credit.)
- CRJU-498: Senior Seminar in Criminal Justice
- SOCI-201: Social Inequality
- SOCI-302: Social Science Research Methods (Writing Intensive)

One Sociology course (3 credits) chosen from the following:
- SOCI-101: Introduction to Sociology
- SOCI-103: Social Problems

Five Criminal Justice * courses (15 credits) chosen from the following:
- CRJU-200: World Justice and Care for Children
- 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-401: Internship in Criminal Justice (Repeatable for credit)
- CRJU-481: Advanced Special Topics in Criminal Justice/Topics vary by semester (Repeatable for credit)

* Sociology and Human Services courses may also satisfy this requirement; an advisor will assist in choosing appropriate courses.

**Recommended, but not required:**
- CHEM-106: Introduction to Forensic Science (4 credits/WOK: Scientific)

**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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for graduation: 120**

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<td>SOCI-302 (WI)</td>
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Minor in Criminal Justice ~ 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 and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

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

One Sociology course (3 credits) chosen from the following:
- SOCI-101: Introduction to Sociology
- SOCI-201: Social Inequality

Human Services
Major in Human Services ~ 45 credits
Chestnut Hill College offers the Bachelor of Science (BS) in Human Services. 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 Required in the Major to successfully complete the requirements for the Major. An Independent Study (HSVC-490) may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

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
- PSYC-101: General Psychology
- SOCI-201: Social Inequality
- SOCI-302: Social Science Research Methods (Writing Intensive)

Two Human Services* courses (6 credits) chosen from the following:
- 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-322: Disability and Society: Introduction to Disability Studies Seminar
- HSVC-481: Advanced Special Topics in Human Services/Topics vary by semester (Repeatable for credit)

One Sociology course (3 credits) chosen from the following:
- SOCI-101: Introduction to Sociology
- SOCI-103: Social Problems

* 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. Minimum Academic Credits required for graduation: 120
### Minor in Human Services ~ 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 and may not be offered every semester. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

**Requirements:**

- HSVC-105: Introduction to Human Services (WOK: Behavioral)
- HSVC-257: Human Behavior and the Social Environment (WOK: Behavioral)
- 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

### 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 Master of Science (MS) degree in Administration of Human Services in the School of Graduate Studies. 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 3.20 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, which includes a minimum Career GPA of 2.00 and a minimum Major GPA of 2.00. Interested students should contact Dr. John Kovach, 3rd Floor, Fournier Hall. Telephone: 215.248.7192. Email: kovachj@chc.edu.

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 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. Credits are indicated in the chart below as Number of Only Academic Credits/Number of Academic and Non-Academic Credits combined. An asterisk (*) indicates courses that are Non-Academic credit - these credits do not apply towards the minimum required for graduation. **Minimum Academic Credits required for BS: 120/Minimum Academic Credits required for the MS: 33.**
<table>
<thead>
<tr>
<th>ENGL-101</th>
<th>PSYC-101</th>
<th>SOCI-101 or 103</th>
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<td>HSVE-356**</td>
<td>HSVE-498</td>
<td>Minor #6 or elective</td>
<td>WOK or elective</td>
<td>WOK or elective</td>
</tr>
</tbody>
</table>

**Students in the combined program will be advised that two core courses can be substituted from the graduate course options.

**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. Interested students should contact Dr. Nancy DeCesare, SSJ, Room 202, St. Joseph Hall. Telephone: 215.248.7028. Email: decesaren@chc.edu for information and registration guidance.

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. **Requirements:**

- GER-401: Gerontology Internship
- GER-498: Gerontology Seminar
- PSY-107: Psychology of Adulthood and Aging (WOK: Behavioral)
- SOCI-114: Social Gerontology (WOK: Behavioral)

Two additional courses (6 credits) chosen with a Faculty Advisor.

**Women’s Studies**

**Minor in Women’s Studies ~ 18 credits**

The 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. Contact Dr. Lorraine Coons, Room 377, Fournier Hall, or Dr. Nancy Porter, Room 14, St. Joseph Hall for assistance. Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. **Requirements:**

Six courses (18 credits) chosen in conjunction with a Faculty Advisor from the following:

- ARTH-201: Historical Survey of Women Artists (WOK: Artistic)
- CRJU-210/SOCI-210: Gender and the Law (WOK: Behavioral)
- ENGL-241: Gender and Literature (WOK: Literary/Writing Intensive)
- GLST-201: Global Awareness Seminar *
- HIST-106: Survey of Women’s History (WOK: Historical)
- HIST-228: Women in Modern European Society (WOK: Historical)
- HIST-330: Revolution/War/Peace: Women’s Activism in the Modern World (WOK: Historical/ Writing Intensive)
- PSYC-109: Psychology of Women (WOK: Behavioral)
- RLST-211: Women in the Bible
- RLST-222: Marriage and Family
- RLST-241: Models/Mentors in Christian Traditions
- RLST-242: Women in Society and Religion
- SOCI-251: Social Inequality (WOK: Behavioral)
- SOCI-250: Gender and the Law (WOK: Behavioral)
- SPAN-362: Hispanic Women Writers (WOK: Literary)

* May be acceptable depending on the topic. Permission of the Faculty Advisor is required for this course to count for the minor.
**Intercultural Foundations**

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 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. 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 twenty-first century.

Interested students should contact Dr. Tia Pratt, Adjunct Coordinator of the Certificate in Intercultural Foundations. Email: prattt@chc.edu. 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.

**Certificate in Intercultural Foundations ~ 18 credits (plus Non-Academic requirements)**

Students must earn a grade of C- (1.70) or better in courses required to successfully complete the requirements for the minor. An Independent Study may be available with appropriate permissions. Courses are 3 credits unless indicated and may not be offered every semester. *Academic Requirements:*

- GLST-201: Global Studies/any topic
- RLST-101: The Religious Imagination
- SOCI-255: Culture and Society

Three courses (9 credits) selected from the following:
- 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

One additional course (3 credits) chosen in consultation with the Director

**Non-Academic requirements:**

- ICFC-101: Intercultural Foundations Workshop I (0.5 credit)
- ICFC-102: Intercultural Foundations Workshop II (0.5 credit)
- ICFC-201: Intercultural Foundations Fieldwork I (0.5 credit)
- ICFC-202: Intercultural Foundations Fieldwork II (0.5 credit)
- ICFC-203: Intercultural Foundations Fieldwork III (0.5 credit)
- ICFC-204: Intercultural Foundations Fieldwork IV (0.5 credit)
- ICFC-205: Intercultural Foundations Fieldwork V (0.5 credit)
- ICFC-301: Reflection and Self-Assessment (0.5 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.

Applying to the Program
Participants in the Interdisciplinary Honors Program are selected from among qualified and interested applicants to the College. Selection is based on the applicant’s interest in the Program, test scores, high school record, writing sample, and personal interview. Only a limited number of students can be accepted each year, and because special enthusiasm and a variety of viewpoints are needed to facilitate learning through discussion, it is not necessarily applicants who rank highest academically who are admitted.

Interested students may apply for the Interdisciplinary Honors Program online at www.chc.edu/interdisciplinaryhonorsprogram. Applications received by early April will be given first consideration. For assistance and information please contact Dr. Kathleen Duffy, SSJ, Room 4, St. Joseph Hall. Telephone: 215.248.7197. Email: kduffy@chc.edu.

IDHP Seminars
IDHP seminars are co-taught by two faculty members from different disciplines and are conducted primarily by group discussion. To ensure fresh and appealing choices, seminars are rotated on a regular basis, and each seminar is offered for a maximum of three years. Since faculty from different academic departments cooperate in teaching, the Program offers a learning experience that crosses departmental lines and exemplifies the unifying and integrating experience that is a liberal arts education.

Most IDHP seminars meet for a two-hour session once a week and there are no formal tests or examinations; evaluation of the students’ work in each seminar is communicated through interviews scheduled twice a semester where the student and both Seminar Instructors discuss the student’s participation, level of performance, and progress.

Class meetings are conducted primarily by group discussion, but all types of experience and activity are included as appropriate - lectures, demonstrations, field trips, audiovisual experiences, and more - and are oriented toward growth in interdisciplinary understanding, discussion, and writing. Seminars are limited to approximately 12 students and registration is by invitation only.

Any student in the School of Undergraduate Studies may request permission to enroll in an Honors seminar; enrollment in a single seminar is limited and preference is given to students pursuing the complete program. Contact the Director for assistance.

Requirements
The Interdisciplinary Honors Program consists of 22 credits: two 2-credit introductory courses fulfill the Writing and FILA-120: Introduction to the Liberal Arts requirements (IDHP-210: Writing in the Disciplines I and IDHP-220: Writing in the Disciplines II); and three team-taught interdisciplinary year-long seminars fulfill the Writing Intensive, the Ways of Knowing (except Scientific*) and GLST-201: Global Awareness Seminar requirements. Students must complete all other Core Requirements (including Religious Studies - unless the seminar has a religion component; a laboratory science*; Ethics; as well as the Foreign Language, Computer, Mathematics, and Swim Proficiencies; and the Physical Education requirement).

Expectations
The IDHP and Faculty Advisors work closely with students to ensure that program, major, and Core requirements are met and that they maintain good academic standing (Career Grade Point Average of 2.0 or above.) Students earning a grade lower than B in one or more IDHP seminars may be reviewed for continued participa-
tion in the program and, if agreed upon expectations are not met, the student may be dismissed from the IDHP program. **

* IDHP students fulfill all but the Scientific Way of Knowing by virtue of completing the IDHP program. Students who take an IDHP seminar that contains a science component will need to complete a 1.0 credit lab experience in addition to the IDHP seminar. Students who do not take an IDHP seminar with a science component will need to take a course designated as meeting the Scientific Way of Knowing (S). The IDHP and Faculty Advisor will assist students with choosing the right courses to meet the requirements.

**Students dismissed from IDHP, and those who elect to discontinue must follow the Core Curriculum. To that end, IDHP-210 will be considered equivalent to FILA-120 and IDHP-220 will be considered equivalent to ENGL-101. IDHP seminars may meet Ways of Knowing and the Writing Intensive requirement; the Office of the Registrar will be able to assist with the appropriate equivalencies.
PHYSICAL EDUCATION
Janice Rensimer Kuklick, MEd, Associate Professor of Physical Education - Chair of the Physical Education Department

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 1 Non-Academic credit unless indicated.

All Physical Education and Varsity Sports courses are Non-Academic and the credits do not count towards the minimum required for graduation; however, to fulfill the Core requirements for graduation, all students must pass two semesters of Physical Education or Varsity Sports courses as well as pass a Swim Test in the College pool. Physical Education activities offered vary from semester-to-semester and courses include:

~ PHED-108: Body Sculpt
~ PHED-113: Fitness Swim
~ PHED-115: Beginner Swim
~ PHED-117: Karate
~ PHED-119: Dancercise/Theme Varies
~ PHED-123: Pilates/Fitness Ball/Yoga
~ PHED-126: Lifeguarding
~ PHED-143: Racquet Sports/Theme Varies
~ PHED-145: Aquatics Boot Camp

Participation in a Varsity Sport can be used to meet the Physical Education requirement, provided the student completes the entire season. Courses are Non-Academic; credits do not count towards the minimum required for graduation. Not all Varsity Sports are played every semester. Check with the Athletic Department for additional information on the following:

~ VARS-100: Varsity Sports/Women's Soccer
~ VARS-101: Varsity Sports/Men's Soccer
~ VARS-102: Varsity Sports/Women's Tennis
~ VARS-103: Varsity Sports/Men's Tennis
~ VARS-104: Varsity Sports/Cross Country
~ VARS-106: Varsity Sports/Women's Volleyball
~ VARS-107: Varsity Sports/Women's Basketball
~ VARS-108: Varsity Sports/Men's Basketball
~ VARS-109: Varsity Sports/Women's Lacrosse
~ VARS-110: Varsity Sports/Men's Lacrosse
~ VARS-111: Varsity Sports/Women's Softball
~ VARS-112: Varsity Sports/Men's Baseball
~ VARS-113: Varsity Sports/Golf

Personal Training Certification Preparation Program ~ 12 credits
This program is geared towards students interested in personal training, sports, or the workings of the human body as it relates to movement and exercise. Students may take these courses for interest, to fulfill the Scientific Way of Knowing, and/or to prepare for certification for personal training through the National Council of Strength and Fitness. Courses are 3 credits unless indicated and may not be offered every semester. Please contact Janice Kuklick in the Sorgenti Arena for more information about this program. Telephone: 215.248.7108. Email: jkuklick@chc.edu. Requirements:

~ 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)
# Chestnut Hill College Directory

For a listing of all College faculty and staff with contact information, please see the College website.

<table>
<thead>
<tr>
<th>PRESIDENT</th>
<th>Carol Jean Vale, SSJ, PhD</th>
</tr>
</thead>
<tbody>
<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>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>

<table>
<thead>
<tr>
<th>VICE PRESIDENT FOR ACADEMIC AFFAIRS and DEAN OF THE FACULTY (VPAA)</th>
<th>Steven Guerriero, PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Assistant to the VPAA</td>
<td>Kathleen Letts, SSJ, MA, MS</td>
</tr>
</tbody>
</table>

## School of Undergraduate Studies

<table>
<thead>
<tr>
<th>Dean of the School of Undergraduate Studies (SUS)</th>
<th>Cecelia J. Cavanaugh, SSJ, PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant to the Dean</td>
<td>Judy M. Jackson, MFA</td>
</tr>
<tr>
<td>Administrative Assistant to the Dean</td>
<td>Susanne Harkins</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/Program Directors

| Chair of History and Political Science | Lorraine Coons, PhD |
| Chair of Education | Carol Pate, PhD |
| Chair of Sociology, Human Services and Criminal Justice | John Kovach, PhD |
| Acting Chair of Business | Garry Flower, MBA, CPA |
| Chair of Foreign Language and Literature | Mary Helen Kashuba, SSJ, DML |
| Chair of Physical Education | Janice Kuklick, MEd |
| Chair, Division of Natural Sciences and Chair of Biology | Joseph Kulkosky, PhD |
| Chair of English and Communications | Barbara Lonquist, PhD |
| Chair of Art, Art History, and Music | Kathleen McCloskey, SSJ, MMEd |
| Chair of Computer Science and Information Technology | Lisa Olivieri, SSJ, PhD |
| Coordinator of Undergraduate Education | Jessica Kahn, PhD |
| Chair of Religious Studies | To Be Announced |
| Director of the Interdisciplinary Honors Program | Kathleen Duffy, SSJ, PhD |
| Coordinator of Undergraduate Psychology | Meredith Kneavel, PhD |
| Coordinator of Communications | Kimberley Leahy, PhD |
| Coordinator of Writing Program | Keely McCarthy, PhD |
| Coordinator of Mathematics | Merilyn Ryan, SSJ, PhD |
| Coordinator of Global Studies | Jacqueline Reich, PhD |
| Coordinator of Introduction to the Liberal Arts (ILAR) | Kathleen Szpila, SSJ, PhD |

## School of Continuing and Professional Studies

<table>
<thead>
<tr>
<th>Dean of the School of Continuing and Professional Studies (SCPS)</th>
<th>Elaine R. Green, EdD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director of ACCELERATED Programs</td>
<td>Walter Childs, MBA</td>
</tr>
</tbody>
</table>

## School of Graduate Studies

<table>
<thead>
<tr>
<th>Dean of the School of Graduate Studies (SGS)</th>
<th>Steven Guerriero, PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant to the Dean</td>
<td>MaryBeth R. O’Neill, MS</td>
</tr>
</tbody>
</table>

## Program Chairs/Program Directors

<p>| Chair/Director of Clinical Training, Dept of Professional Psychology | Cheryll Rothery, PsyD, ABPP |
| Chair of Education | Carol M. Pate, EdD |
| Chair of Holistic Spirituality Programs | Marie A. Conn, PhD |
| Coordinator of Holistic Spirituality and Spiritual Direction Practicums | Carolyne Ervin, MA |
| Coordinator of Administration of Human Services | Elaine R. Green, EdD |
| Coordinator of Administration of Human Services | Barbara Hogan, PhD |
| Administrator/Clinical and Counseling Psychology/DeSales University | Jennifer Bradley, PhD |
| Coordinator of Instructional Technology | Yefim Kats, PhD |</p>
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<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>Associate Director of Academic Advising for Student Services</td>
<td>Clare Doyle, MEd</td>
</tr>
<tr>
<td>Associate Director of Academic Advising for Technological Support</td>
<td>Michael Peterson, MS, NCC</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>VICE PRESIDENT OF ENROLLMENT MANAGEMENT</strong></td>
<td></td>
</tr>
<tr>
<td>Director of Technology for College Enrollment and Financial Aid</td>
<td>Jodie King, MS</td>
</tr>
<tr>
<td>Director of Admissions, School of Undergraduate Studies</td>
<td>Brian O’Neill, BS</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>Eileen Webb, BA</td>
</tr>
<tr>
<td>Director of Psy.D Admissions and Assistant to the Chair</td>
<td>Emily Siegel, MA</td>
</tr>
<tr>
<td>Director of Student Success</td>
<td>Paul Suarez, MA</td>
</tr>
<tr>
<td>Director of Technical Services</td>
<td>Trachanda Brown, MLA</td>
</tr>
<tr>
<td>Help Desk Coordinator</td>
<td>Kristen Dittrich, MS</td>
</tr>
<tr>
<td><strong>VICE PRESIDENT FOR STUDENT LIFE</strong></td>
<td></td>
</tr>
<tr>
<td>Assistant to the Vice President</td>
<td>Lynn Ortale, PhD</td>
</tr>
<tr>
<td>Dean of Student Life</td>
<td>Krishna Bailey Murphy, MA</td>
</tr>
<tr>
<td>Director of Student Activities</td>
<td>Emily Schademan, BA</td>
</tr>
<tr>
<td>Assistant Director of Student Activities</td>
<td>Megan Cranney, BA</td>
</tr>
<tr>
<td>Director of Parent and Family Relations</td>
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<td>Patrick Flanagan</td>
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<tr>
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<td>Lynn Tubman, MEd</td>
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<tr>
<td>Assistant Athletic Director/Compliance/SWA/Head Athletic Trainer</td>
<td>Denise Wisniewski, MEd</td>
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<tr>
<td>Assistant Athletic Director/Griffin Camp Coordinator</td>
<td>Albert Stroble, MEd</td>
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<td>Jesse Balcer, BS</td>
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Frequently Asked Questions

Q: What do those course prefixes mean?
A: Use this handy table:

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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 scheduled testing dates are posted on the Computer Proficiency Blackboard site and announcements about testing are made via your @chc email address. All tests are in Rooms 249 and 250 in St. Joseph Hall and are from 2:00-3:15pm. 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.

Q: Who is my Faculty Advisor?
A: A Faculty Advisor is a departmental faculty member that is assigned to you based on your major/minor and you can view the name of your assigned Advisor(s) on the My CHC Portal. If your assigned Advisor is not available, you are welcome to visit the Office of Academic Advising, 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 Faculty 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 Faculty Advisor before you stop attending a course. It may not be in your best interest to withdraw; and only your Faculty 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? How do I get my grades mailed to me?
A: Grades are viewable on the My CHC Portal at https://my.chc.edu. Grades are not sent to students unless requested in writing within two weeks of the end of the semester. Please see the section on Grade Reports for information on how you or your parents may request a grade mailer.

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 Reports for information on how your parents may request your grades. Grade 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. If you’d like your parents to have access, please complete the FERPA Waiver as described above.

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
- CARE-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: Creating Success: Skills for Success in College and Life
- LSTR-102: Creating Success: Reading and Writing Across the College Curriculum
- MATH-100: Developmental Mathematics: 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: 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 your @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 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: What courses are designated Writing Intensive?
A: Here is a listing of Writing Intensive courses, which is subject to change at any time. Please contact your advisor if you have any questions. The Pre-Requisite for all Writing Intensive courses is either FILA-120 or IDHP-220 in addition to any course-specific requirements. Check the Course Descriptions for details on Pre-Requisites and any Ways of Knowing requirements that may also be fulfilled.

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Q: Which course fulfills a WOK?
A: Courses that fulfill a Way of Knowing requirement are indicated with a letter code and in the course description. Courses may have Pre-Requisites or may be restricted to certain Majors/minors. Check the Course Descriptions and with your Advisor for assistance in choosing the best courses for your particular course of study. Here is a listing of courses to consider:

**Artistic:**

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**Behavioral:**

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ACCOUNTING (ACCT)
ACCT-103 Financial Accounting
WOK: P  CR: 3  Grading Type: Letter Grade A study of the basic accounting cycle and financial statement preparation as applied to service and merchandising enterprises. Examines the accounting system of a small business. WOK: Problem Solving. (Formerly BACCU-103)

ACCT-104 Managerial Accounting
WOK: B  CR: 3  Grading Type: Letter Grade 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-104)

ACCT-113 Computerized Accounting
CR: 1  Grading Type: Letter Grade Designed to highlight the usefulness of computer 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
WOK: B  CR: 3  Grading Type: Letter Grade 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
WOK: B  CR: 3  Grading Type: Letter Grade 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
CR: 3  Grading Type: Letter Grade 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-216. (Formerly BACCU-216)

ACCT-223 Cost Accounting
WOK: B  CR: 3  Grading Type: Letter Grade 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 and budgeting procedures, standard cost systems, and various managerial applications of cost accounting information. WOK: Behavioral. Pre-Requisite: ACCT-104 (Formerly BACCU-223)

ACCT-281 Special Topics in Accounting
CR: 3  Grading Type: Letter Grade Topics vary by semester. Repeatable for credit.

ACCT-333 Auditing
CR: 3  Grading Type: Letter Grade 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
CR: 3  Grading Type: Letter Grade 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
CR: 3  Grading Type: Letter Grade A continuation of ACCT-363. 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. Pre-Requisite: ACCT-363. (Formerly BACCU-364)

ACCT-401 Internship in Accounting

ACCT-481 Adv Special Topics in Accounting
CR: 3  Grading Type: Letter Grade Topics vary by semester. Repeatable for credit.

ART HISTORY (ARTH)
ARTH-101 Western Art—Prehistoric to Gothic
WOK: A  CR: 3  Grading Type: Letter Grade A chronological survey of the development of western art from the prehistoric era to the gothic period set within the context of the religious beliefs, political and philosophical ideas and economic environment of the society for which it was made. WOK: Artistic. (Formerly ARTU-101)

ARTH-102 Western Art—Early Renaissance to Modern
WOK: A  CR: 3  Grading Type: Letter Grade A chronological survey of the development of western art from the 14th century to the modern period set within the context of the religious beliefs, political and philosophical ideas and economic environment of the society for which it was made. WOK: Artistic. (Formerly ARTU-102)

ARTH-185 17th Century Art
WOK: A  CR: 3  Grading Type: Letter Grade A study of the painting, sculpture, and architecture of the seventeenth century in Europe, with emphasis on the great masters, e.g., Bernini, Caravaggio, Rembrandt, Poussin, and Velasquez, and the relationship between patronage and the arts. WOK: Artistic (or Historical) (Formerly ARTU-185)

ARTH-186 18th Century Art
WOK: A  CR: 3  Grading Type: Letter Grade A study of painting in France and England in the eighteenth century seen in the context of the Enlightenment and the political and social radicalism that led to the French Revolution. WOK: Artistic or Historical. (Formerly ARTU-186)

ARTH-190 American Art
WOK: A  CR: 3  Grading Type: Letter Grade Survey of three centuries of American art. Students concentrate on leading painters and sculptors and examine the major stylistic movements. WOK: Artistic. (Formerly ARTU-190)

ARTH-191 Romanticism to Post-Impressionism
WOK: A  CR: 3  Grading Type: Letter Grade A study of the radical defiance of the accepted academic style by such French artists as Delacroix, Manet, Monet, Morisot, Van Gogh and Cezanne 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
WOK: A  CR: 3  Grading Type: Letter Grade 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
WOK: A  CR: 3  Grading Type: Letter Grade A study of the role of women in the history of Western painting. WOK: Artistic. ARTU-101 or 102 recommended, but not required. (Formerly ARTU-201)

ARTH-201 Historical Survey of Women Artists
WOK: A  CR: 3  Grading Type: Letter Grade 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-201)

ARTH-210 Paris: An Urban History
WOK: A  CR: 3  Grading Type: Letter Grade 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, Louvre, Champs-Elysées, and Place des Vosges. WOK: Artistic. (Formerly ARTU-210)

ARTH-212 Looking at Landscape Design
WOK: A  CR: 3  Grading Type: Letter Grade A study of landscape design and its relationship to the art of painting. WOK: Artistic. (Formerly ARTU-212)

ARTH-261 Early Italian Renaissance Art
WOK: A  CR: 3  Grading Type: Letter Grade 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
WOK: A  CR: 3  Grading Type: Letter Grade 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-281 Special Topics in Art History
WOK: A  CR: 3  Grading Type: Letter Grade Topics vary by semester. Repeatable for credit. WOK: Artistic.
ARTS-120 Michelangelo and His Times  
WOK: A  CR: 3  Grading Type: Letter Grade  
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 16th century in Italy. WOK: Artistic. (Formerly ARTS-120)

ARTS-401 Internship in Art History  
CR: 3  Grading Type: Pass/Fail  
Internships in Art History are available only to Art History Minors. Interns work in curatorial departments of Philadelphia area museums as well as in non-curatorial areas such as education, conservation, public relations, and development. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. Pre-Requisite: permission of the Program Coordinator.  
(Formerly ARTU-401 and ARTU-402)

ARTS-481 Adv Special Topics in Art History  
WOK: A  CR: 3  Grading Type: Letter Grade  
Topics vary by semester. Repeatable for credit. WOK: Artistic.

ARTS-490 Independent Study in Art History  
CR: 3  Grading Type: Letter Grade  
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Program Coordinator required.

ART STUDIO (ARTS)  
ARTS-102 Introduction to Ceramics  
CR: 3  Grading Type: Letter Grade  
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 ARTS-102)

ARTS-115 Book Arts  
CR: 3  Grading Type: Letter Grade  
The history of book making as well as the books as an art form will be explored. Starting with the simplest traditional books, the student will develop a technical competence in the more advanced techniques and conceptual ideas of book making. The arts of decorating paper and of 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-115)

ARTS-121 Introduction to Drawing Techniques  
WOK: A  CR: 3  Grading Type: Letter Grade  
A continuation of the study of clay. Provides experience in hand building, developing skills and concepts learned in the introductory level. Pre-Requisite: ARTS-102.  
(Formerly ARTSU-220)

ARTS-120 Art By Heart: Mixed Media Design/Cul  
WOK: A  CR: 3  Grading Type: Letter Grade  
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-220)

ARTS-131 Introduction to Painting  
WOK: A  CR: 3  Grading Type: Letter Grade  
(Formerly ARTSU-131)

ARTS-134 Introduction to Watercolor Painting  
WOK: A  CR: 3  Grading Type: Letter Grade  
A continuation of the study of clay. Provides experience in hand building, developing skills and concepts learned in the introductory level. Pre-Requisite: ARTS-102.  
(Formerly ARTSU-134)

ARTS-172 Color My World/Mixed Media .Clr/Cul  
WOK: A  CR: 3  Grading Type: Letter Grade  
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 from 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. WOK: Artistic.  
(Formerly ARTSU-172)

ARTS-202 Intermediate Ceramics  
CR: 3  Grading Type: Letter Grade  
A continuation of the study of clay. Provides experience in hand building, developing skills and concepts learned in the introductory level. Pre-Requisite: ARTS-102.  
(Formerly ARTSU-202)

ARTS-220 Intermediate Art By Heart  
WOK: A  CR: 3  Grading Type: Letter Grade  
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. Develops skills and concepts learned in the introductory level. Pre-Requisite: ARTS-120. Cross-listed: ARTS-120. WOK: Artistic.  
(Formerly ARTSU-220)

ARTS-211 Intermediate Drawing Techniques  
WOK: A  CR: 3  Grading Type: Letter Grade  
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. WOK: Artistic.  
(Formerly ARTSU-211)

ARTS-221 Intermediate Watercolor Painting  
CR: 3  Grading Type: Letter Grade  
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-334 and ARTS-334. WOK: Artistic.  
(Formerly ARTSU-234)

ARTS-272 Color My World  
WOK: A  CR: 3  Grading Type: Letter Grade  
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 from 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 art works with a special emphasis on color theory. Develops skills and concepts learned in the introductory level. WOK: Artistic. Pre-Requisite: ARTS-172.  
(Formerly ARTSU-272)

ARTS-281 Special Topics in Art Studio  
CR: 3  Grading Type: Letter Grade  
Repeatable for credit. Permission of Instructor required.

ARTS-320 Advanced Art by Heart  
WOK: A  CR: 3  Grading Type: Letter Grade  
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 exploring design, skills and concepts in projects at an advanced level. WOK: Artistic. Pre-Requisite: ARTS-220. Cross-listed: ARTS-220.  
(Formerly ARTSU-320)

ARTS-321 Advanced Drawing Techniques  
WOK: A  CR: 3  Grading Type: Letter Grade  
(Formerly ARTSU-321)

ARTS-331 Advanced Painting  
WOK: A  CR: 3  Grading Type: Letter Grade  
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 independent in selecting ideas in terms of purpose, media and technique. Cross-listed: ARTS-131 and ARTS-231. WOK: Artistic. (Formerly ARTSU-331)


ARTS-371 Advanced Design and Mixed Media CR: 3 Grading Type: Letter Grade Special problems in the application of design and mixed media. (Formerly ARTSU-371)

ARTS-401 Internship in Art Studio CR: 3 Grading Type: Pass/Fail Practical experi- ence at a site approved by the department. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirements for graduation. Co-Requisite: CARE-101. Pre-Requisite: Permission of Coordinator required. (Formerly ARTS-401 and ARTS-402)

ARTS-481 Adv Special Topics in Art Studio CR: 3 Grading Type: Letter Grade Repeatable for credit. Pre-Requisite: Permission of Coordinator required.

ARTS-490 Independent Study in Art Studio CR: 3 Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instruc- tor will assist with completing the Independ- ent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Depart- ment Chairperson and Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of Coordinator required.

**BIOLOGY (BIOL)**

**BIOL-101 Inquiry Into Life I** WOK: S CR: 3.5 Grading Type: Letter Grade A 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 and disease, and population and heredity. Co-Requisite: BIOL-10L. WOK: Scientific. (Formerly BIOU-101)

**BIOL-101L Inquiry Into Life I Lab** CR: 0 Taken in the same semester as BIOL-101. Lab is graded as part of the lecture. Co- Requisite: BIOL-10L. (Formerly BIOU-101L)

**BIOL-102 Inquiry Into Life II** WOK: S CR: 3.5 Grading Type: Letter Grade Continuation of topics from BIOL-101. Co- Requisite: BIOL-102L. Pre-Requisite: BIOL-101 with a grade of C or better. WOK: Scientific. (Formerly BIOU-102)

**BIOL-102C Inquiry Into Life II Lab CR: 1 Grading Type: Pass/Fail** Credit-bearing laboratory course for students needing a lab experience. Graded Pass/Fail only. Pre-Requisite: Permission of Department required.

**BIOL-102L Inquiry Into Life II Lab CR: 0 Taken in the same semester as BIOL-102. Lab is graded as part of the lecture. Co- Requisite: BIOL-102.


**BIOL-106C Ecology/Environmental Issues Lab CR: 1 Grading Type: Pass/Fail** Credit-bearing laboratory course for students needing a lab experience concentrating on the interconnectedness of biotic and abiotic influences on ecosystem health using basic sampling and analytical techniques in local environments. Graded Pass/Fail only. Pre-Requisite: Permission of Department required.

**BIOL-106L Ecology/Environmental Issues Lab CR: 0 Concentrates on the interconnected- nessed 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** WOK: S CR: 4 Grading Type: Letter Grade A two- semester foundation course of the Biological sciences introducing students to the process of science and 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 Biology, Forensic Chemistry, Biochemistry, Environmental Sciences, Molecular Biology, or with permis- sion of the Department. Co-Requisite: BIOL-111L WOK: Scientific. (Formerly BIOU-101M)

**BIOL-111L Principles of Biology I Lab CR: 0 Taken in the same semester as BIOL-111. Lab is graded as part of the lecture. Co- Requisite: BIOL-111L (Formerly BIOU-101ML)

**BIOL-112 Principles of Biology II** WOK: S CR: 4 Grading Type: Letter Grade A continuation of topics in BIOL-111. Open only to students in one of these Science majors: Biology, Forensic Biology, Forensic Chemistry, 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)

**BIOL-112L Principles of Biology II Lab CR: 0 Taken in the same semester as BIOL-112. Lab is graded as part of the lecture. Co- Requisite: BIOL-112. (Formerly BIOU-102L)

**BIOL-125 Ponds and Streams** WOK: S CR: 4 Grading Type: Letter Grade Specifically designed for the non-science major. Introduces students to freshwater habitats of the mid-Atlantic region. Focuses on familiarity with the ecology and inhabit- ants 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 CR: 0 Taken in the same semester as BIOL-125. Lab is graded as part of the lecture. Co- Requisite: BIOL-125. (Formerly BIOU-125L)


**BIOL-126L The Biology of Cancer Lab CR: 0 Taken in the same semester as BIOL-126. Lab is graded as part of the lecture. Co- Requisite: BIOL-126. (Formerly BIOU-126L)

**BIOL-131 Environmental Seminar Series CR: 1 Grading Type: Letter Grade A series of environmental topics designed to provide science and non-science students with an introduction to different environmental concerns or techniques. One hour lecture or two hours laboratory depending on topic. Repeatable for credit. (Formerly BIOU-131)

**BIOL-145 Forests and Fields** WOK: S CR: 3 Grading Type: Letter Grade 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 CR: 0 Taken in the same semester as BIOL-145. Lab is graded as part of the lecture. Co- Requisite: BIOL-145. (Formerly BIOU-145L)

**BIOL-201 Cell Biology** CR: 4 Grading Type: Letter Grade 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 include: microscopic methods, electrophoresis of proteins and DNA. Co-Requisite: BIOL-201L. Pre-Requisite: BIOL-112, or permission of the Instructor. (Formerly BIOL-203)

BIOL-201L Cell Biology Lab
CR: 0 Taken in the same semester as BIOL-201. Lab is graded as part of the lecture. Co-Requisite: BIOL-201L. (Formerly BIOL-201L)

BIOL-203 Human Anatomy/Physiology I
CR: 4 Grading Type: Letter Grade. 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-201L. Pre-Requisite: BIOL-112. (Formerly BIOL-203)

BIOL-203L Human Anatomy Lab 1
CR: 0 Weekly three-hour lab taken in the same semester as BIOL-203. Lab is graded as part of the lecture. (Formerly BIOL-203L)

BIOL-206 General Zoology
WOK: S CR: 4 Grading Type: Letter Grade. An introduction to the processes of life, the cellular basis of life, the relationships of the physical, chemical, biological and natural 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, -106, or -111; or permission of the Dept. (Formerly BIOL-206)

BIOL-206L General Zoology Lab
CR: 0 Taken in the same semester as BIOL-206. Fields trips may be required. Lab is graded as part of the lecture. Co-Requisite: BIOL-206L. (Formerly BIOL-206L)

BIOL-210 Nutrition
WOK: S CR: 4 Grading Type: Letter Grade. 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 BIOL-210)

BIOL-210C Nutrition Lab
CR: 1 Grading Type: Pass/Fail. Credit-bearing laboratory course for students needing a lab experience. Graded Pass/Fail only. Pre-Requisite: Permission of Department required.

BIOL-210L Nutrition Lab
CR: 0 Laboratory experiment 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-210L. (Formerly BIOL-210L)

BIOL-217 Genetics
CR: 4 Grading Type: Letter Grade. 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-111, or permission of the Instructor. (Formerly BIOU-217)

BIOL-217L Genetics Lab
CR: 0 Laboratory exercises illustrate principles discussed in the BIOL-217 lecture taken in the same semester. Lab is graded as part of the lecture. Co-Requisite: BIOL-217L. (Formerly BIOU-217L)

BIOL-233 Ecology and Evolutionary Biology
CR: 4 Grading Type: Letter Grade. 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 organisms, environment and evolution and the mutual dependence of the two disciplines. The interrelationships of organisms with their environment (ecology) are the very basis for adaptation to that environment. Field trips required. Co-Requisite: BIOL-233L. Pre-Requisite: BIOL-112, or permission of the Instructor. (Formerly BIOU-233)

BIOL-233L Ecology and Evolutionary Biol Lab
CR: 0 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-233L. (Formerly BIOU-233L)

BIOL-281 Special Topics in Biology
CR: 3 Grading Type: Letter Grade. Topics vary by semester. Repeatable for credit. Co-Requisite lab may be required.

BIOL-281L Special Topics Lab
CR: 0 Co-requisite with BIOL-281 if required.

BIOL-300 Experimental Methods and Design
Writing Intensive CR: 4 Grading Type: Letter Grade. 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. Satisfies Core Writing Intensive Requirement for Graduation. Co-Requisite: BIOL-300L. Pre-Requisites: MATH 262, MATH 227, or PSYC 216; and ILAR 101 for students starting prior to Fall 2012; ENGL 101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly BIOU-300)

BIOL-300L Experimental Methods and Design Lab
CR: 0 Taken in the same semester as BIOL-300L. Lab is graded as part of the lecture. Co-Requisite: BIOL-300L. (Formerly BIOU-300L)

BIOL-303 Human Anatomy and Physiology II
CR: 4 Grading Type: Letter Grade. 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. Co-Requisite: BIOL-303L. Pre-Requisite: BIOL-203. (Formerly BIOU-318)

BIOL-303L Human Anatomy and Physiology II Lab
CR: 0 Taken in the same semester as BIOL-303L. Lab is graded as part of the lecture. Co-Requisite: BIOL-303L. (Formerly BIOU-318L)

BIOL-312 Watersheds/Freshwater Ecology
CR: 4 Grading Type: Letter Grade. 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-Requisites: CHEM-132 and BIOL-233, or with permission of Instructor. CHEM-242 is recommended but not required. (Formerly BIOU-312)

BIOL-312L Watersheds/Freshwater Ecology Lab
CR: 0 Taken in the same semester as BIOL-312L. Field trips required. Lab is graded as part of the lecture. Co-Requisite: BIOL-312L. (Formerly BIOL-312L)

BIOL-317 Special Methods in Biology
CR: 3 Grading Type: Letter Grade. Course for Education Majors only. (Formerly BIOL-317)

BIOL-322 Terrestrial Ecology
CR: 4 Grading Type: Letter Grade. 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 canopy research project. Co-Requisite: BIOL-322L. Pre-Requisites: BIOL-235, or permission of Instructor. (Formerly BIOU-322)

BIOL-322L Terrestrial Ecology Lab
CR: 0 Taken in the same semester as BIOL-322L. Field trips required. Lab is graded as part of the lecture. Co-Requisite: BIOL-322L. (Formerly BIOU-322L)

BIOL-324 Microbiology
CR: 4 Grading Type: Letter Grade. 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
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<tr>
<th>CR</th>
<th>Grading Type</th>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>3</td>
<td>Letter Grade</td>
<td>BIOL-324L</td>
<td>Microbiology Lab</td>
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<td>Students are required to take this laboratory course in the same semester as BIOL-324. Lab is graded as part of the lecture. Co-Requisite: BIOL-325. (Formerly BIOL-324L)</td>
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<td>BIOL-325</td>
<td>Marine Biology Lab</td>
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<td>Students are required to take this laboratory course in the same semester as BIOL-325. Lab is graded as part of the lecture. Co-Requisite: BIOL-325L. (Formerly BIOL-325L)</td>
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<td>BIOL-332</td>
<td>Medical Terminology</td>
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<td>Defines medical terms used in the medical field, including medical nomenclature. Focuses on anatomical and physiological terms, prefixes, suffixes, and abbreviations.</td>
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<td></td>
<td>BIOL-325L</td>
<td>Marine Biology Lab</td>
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<td>Students are required to take this laboratory course in the same semester as BIOL-325L. Lab is graded as part of the lecture. Co-Requisite: BIOL-325L. (Formerly BIOL-325L)</td>
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<td>BIOL-333</td>
<td>Evolution</td>
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<td>An introductory course on the theories and mechanisms of evolution, including the evolutionary history of life on Earth. Focuses on the examination of evolution at different levels (molecular, cellular, and organismal).</td>
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<td>BIOL-411</td>
<td>Developmental Biology</td>
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<tr>
<td>3</td>
<td>Letter Grade</td>
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<td>Focuses on the developmental mechanisms that govern the growth and differentiation of organisms. Topics include fertilization, embryonic development, and morphological changes.</td>
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<td>BIOL-414</td>
<td>Immunology</td>
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<td>3</td>
<td>Letter Grade</td>
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<td>Focuses on the immune system, including the mechanisms of immunological responses. Topics include receptors, antigens, and the regulation of the immune response.</td>
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<td>BIOL-412</td>
<td>Endocrinology</td>
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<td>3</td>
<td>Letter Grade</td>
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<td>Focuses on the hormones and their mechanisms of action. Topics include hormone synthesis, transport, and target cell recognition.</td>
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<td>BIOL-413</td>
<td>Conservation/Restoration Biology</td>
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<td>3</td>
<td>Letter Grade</td>
<td></td>
<td>Focuses on the conservation and restoration principles and practices. Topics include the identification and preservation of biological evidence.</td>
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<td>BIOL-413L</td>
<td>Conservation/Restoration Bio Lab</td>
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<td></td>
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<td>Students are required to take this laboratory course. Lab is graded as part of the lecture. Co-Requisite: BIOL-413L. (Formerly BIOL-413L)</td>
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<td>BIOL-430</td>
<td>Forensic Pathology</td>
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<td>3</td>
<td>Letter Grade</td>
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<td>Covers the legal and ethical issues surrounding death investigation. Topics include medicolegal causes of death, such as motor vehicle accidents, natural deaths, and forensic pathology.</td>
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<td>BIOL-430L</td>
<td>Conservation/Restoration Bio Lab</td>
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<td></td>
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<td></td>
<td>Students are required to take this laboratory course. Lab is graded as part of the lecture. Co-Requisite: BIOL-430L. (Formerly BIOL-430L)</td>
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</tbody>
</table>

 Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. Pre-Requisite: Permission of the Department Required (Formerly BIOL-401)
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 Faculty Advisor. Pre-Requisite: A Writing Intensive course, which is usually BIOL-300. (Formerly BIOU-498)

BUSINESS (BUSN)
BUSN-101 International Business
WOK: B CR: 3 Grading Type: Letter Grade 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. WOK: Behavioral. (Formerly BADMU-101)

BUSN-102 Business Ethics
WOK: B CR: 3 Grading Type: Letter Grade 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 and BADM-102)

BUSN-104 Introduction to Business
WOK: B CR: 3 Grading Type: Letter Grade 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 and BADM-104.)

BUSN-120 Law and the Business Enterprise
WOK: B CR: 3 Grading Type: Letter Grade 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 and BADM-120.)

BUSN-252 Business of Music
CR: 3 Grading Type: Letter Grade 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)

BUSN-281 Special Topics in Business
CR: 3 Grading Type: Letter Grade Topics vary by semester. Repeatable for credit.

BUSN-401 Internship in Business
CR: 3 Grading Type: Pass/Fail 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. Includes Career Connections requirement for graduation. Co-Requisite: CARE-103. (Formerly BADMU-401 and BADMU-402)

BUSN-481 Adv Special Topics in Business
CR: 3 Grading Type: Letter Grade Topics vary by semester. Repeatable for credit.

BUSN-490 Independent Study in Business
CR: 3 Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable credit: 1.0 to 3.0. Repeatable for credit. Pre-Requisite: Permission of the Instructor required.

BUSN-498 Senior Seminar in Business
CR: 3 Grading Type: Letter Grade 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 Faculty Advisor. Pre-Requisite: A Writing Intensive course, usually MGM-204. (Formerly BADMU-498 and BADM-498.)

CAREER SERVICES (CARE)
CARE-101 Career Connections
CR: 1 Grading Type: Pass/Fail (Non-Academic) Course required for graduation for students in the School of Undergraduate Studies. Graded Pass/Fail only. Credits do not count towards graduation. (Formerly FYIN/FYIU-101.)

CHEMISTRY (CHEM)
CHEM-103 Chemistry and Public Policy
WOK: S CR: 4 Grading Type: Letter Grade An introductory course for non-science majors who have little or no background in chemistry and minimal mathematical background. The chemical basis of environmental issues, nutrition, and genetic engineering will be discussed in their socioeconomic and political context. Laboratory exercises are designed to give students knowledge of scientific measurements and the reasoning required for interpreting experimental data. Emphasis will be on applying knowledge of chemistry to current public policy issues. Three hours per week. WOK: Scientific. Co-Requisite: CHEM-103L. (Formerly CHEMU-103)

CHEM-103L Chemistry/Public Policy Lab
CR: 0 Laboratory exercises are designed to give students knowledge of scientific measurements and the reasoning required for interpreting experimental data. Lab is graded as part of CHEM-103. Two hours per week. Co-Requisite: CHEM-103. (Formerly CHEMU-103L)

CHEM-106 Introduction to Forensic Science
WOK: S CR: 4 Grading Type: Letter Grade Introductory course for non-science majors who have little or no background in biology or chemistry and a minimal mathematical background. The lecture portion of the course introduces basic chemical principles and their application to the collection, preservation, and analysis of physical evidence. Provides an overview of crime scene investigation, physical and biological evidence, and courtroom procedures. WOK: Scientific. Co-Requisite: CHEM-106L. (Formerly CHEMU-106)

CHEM-106L Intro to Forensic Science Lab
CR: 0 Activities investigate techniques used to analyze forensic and crime scene evidence, including fingerprinting, DNA analysis, and blood sampling among others. Lab is graded as part of CHEM-106. Co-Requisite: CHEM-106. (Formerly CHEMU-106L)

CHEM-131 Principles of Chemistry I
WOK: S CR: 4 Grading Type: Letter Grade 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. 4 hours per week. WOK: Scientific. Co-Requisite: CHEM-131L. Pre-Requisite: Score of 1, 2, or 3 on the Math Proficiency Test. (Formerly CHEMU-131)

CHEM-131L Principles of Chemistry I Lab
CR: 0 Lab work includes qualitative and quantitative analysis as well as validation of lecture principles. Problem solving skills are emphasized throughout. Lab is graded as part of CHEM-131. Three hours per week. Co-Requisite: CHEM-131. (Formerly CHEMU-131L)

CHEM-132 Principles of Chemistry II
WOK: S CR: 4 Grading Type: Letter Grade 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. Four hours per week. WOK: Scientific. Co-Requisite: CHEM-132L. Pre-Requisite: CHEM-131 with a grade of C- or better. (Formerly CHEMU-132)

CHEM-132L Principles of Chemistry II Lab
CR: 0 Lab work includes qualitative and quantitative analysis as well as validation of lecture principles. Problem solving skills are emphasized throughout. Lab is graded as part of CHEM-132. Three hours per week. Co-Requisite: CHEM-132. (Formerly CHEMU-132L)
CHEM-322  Toxicology  
CR: 3  Grading Type: Letter Grade  A survey of the scope and modern aspects of toxicology. Emphasizes clinical manifestations (symptoms and treatment) of acute, subacute, and chronic intoxication, and current analytical methodology. Each type of toxin and toxicant studies is supported by actual case histories and analytical data. No lab is required. Pre-Requisite: CHEM-215 with a grade of C- or better. (Formerly CHEMU-241)

CHEM-340  Inorganic Chemistry  
CR: 4  Grading Type: Letter Grade  Topics include: structure and bonding, solid-state Chemistry, spectroscopy, and catalysis. Three hours per week. Co-Requisite: CHEM-340L. Pre-Requisite: CHEM-314 with a grade of C- or better. (Formerly CHEMU-340)

CHEM-340L  Inorganic Chemistry Lab  
CR: 0  Lab is graded as part of CHEM-340. Three hours per week. Co-Requisite: CHEM-340. (Formerly CHEMU-340L)

CHEM-401  Internship in Chemistry  
CR: 3  Grading Type: Pass/Fail  A research experience to help the student to relate theories and skills to the practical aspects of a laboratory. Repeatable for up to 6 credits. Graded Pass/Fail only. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. Pre-Requisite: Permission of the Department. (Formerly CHEMU-401 and CHEMU-402)

CHEM-405  Advanced Organic Chemistry  
CR: 3  Grading Type: Letter Grade  An introduction to the field of Physical Organic Chemistry with an emphasis on qualitative molecular orbital theory, pericyclic reactions, stereochemistry, and linear free energy relationships. Three hours per week. Pre-Requisite: CHEM-216 with a grade of C- or better. (Formerly CHEMU-405)

CHEM-481  Special Topics in Chemistry  
CR: 3  Grading Type: Letter Grade  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 credit. Three hours per week. Pre-Requisite: Permission of the Instructor. (Formerly CHEMU-481 and CHEM-482)

CHEM-490  Independent Study in Chemistry  
CR: 3  Grading Type: Letter Grade  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

CHEM-498  Senior Seminar/Chem-Biochem-For Sci  CR: 3  Grading Type: Letter Grade  Capstone course of the Chemistry, Biochemistry, and Forensic Chemistry majors. The emphasis of this course is three-fold: areas of significant research in the field of Chemistry through reading of the current literature, ethics in scientific research, and a research paper, poster, and oral presentation of previously completed research. This research will have been done on or off campus, during summer internships or during the academic year, in an advisor-approved area of Chemistry. Three hours per week. 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 Faculty Advisor. Pre-Requisite: A Writing Intensive course. (Formerly CHEMU-498)

CHINESE (CHIN)  
CHIN-101  Elementary Chinese I  CR: 3  Grading Type: Letter Grade  Beginning-level course designed for students who have no previous knowledge of spoken or written Chinese. An introduction to basic language skills in speaking, reading and writing modern Chinese. (Formerly CHINU-101)

CHIN-102  Elementary Chinese II  CR: 3  Grading Type: Letter Grade  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  CR: 3  Grading Type: Letter Grade  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  CR: 3  Grading Type: Letter Grade  Continued development of skills including grammar, listening comprehension, and vocabulary usage in the context of useful daily conversation. (Formerly CHINU-104)

CLASSICAL CIVILIZATION (CLCV)  
CLCV-151  Enter the Hero and the Heroine  WOK: 1  CR: 3  Grading Type: Letter Grade  The Iliad and Odyssey 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  WOK: 1  CR: 3  Grading Type: Letter Grade  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)

CLCV-281  Sp Topics/Classical Civilization  CR: 3  Grading Type: Letter Grade  Repeatable for credit. Topics vary by semester.

CLCV-481  Adv Sp Topics/Classical Civilization  CR: 3  Grading Type: Letter Grade  Repeatable for credit. Topics vary by semester.

COMPUTER/DIGITAL FORENSICS (CMDF)  
CMDF-200  Introduction to Digital Forensics  CR: 3  Grading Type: Letter Grade  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-Requisite: CMTC-190. CMTC-260 is recommended, but not required.

CMDF-220  Legal Issues/Digital Forensics I  CR: 3  Grading Type: Letter Grade  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.

CMDF-240  Legal Issues/Digital Forensics II  CR: 3  Grading Type: Letter Grade  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 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-220, or permission of the Instructor.

CMDF-300  Advanced Digital Forensics  CR: 3  Grading Type: Letter Grade  Provides a more in-depth understanding of Digital Forensics and the investigative tools and techniques used in the field. The course provides a range of laboratory and hands-on assignments that teach about theory as well as the practical application of computer forensic investigations. Topics covered in this course include: Case Reporting & Working with PRTK, Windows Registry and Registry Viewer, Link and Spool Files, Encrypted File System, Forensic Analysis, Forensic Duplication, File System Analysis, Internet and E-mail Usage Analysis, and ID Theft. The proper use of automated digital forensics tools will also be discussed. Cell phone forensics will also be explored, providing the proper software can be obtained. Pre-Requisite: CMDF-200.
CMDF-320 Legal and Technical Writing in DF  CR 3 Grading Type: Letter Grade  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.

COMPUTER INFORMATION SCIENCE (CMSC)

CMSC-190 Introduction to Programming Logic  WOK P  CR 3 Grading Type: Letter Grade  Introduces students to the logic required for computer programming. Students initially learn the concepts related to most languages including variables, assignment statements, branches, loops and subprograms. Students also concentrate on the logic required to design a program before it is coded. During the second half of the semester, students are introduced to the basic syntax of the programming language ‘Python.’ WOK: Problem Solving. (Formerly CMSCU-190)

CMSC-205 Systems Analysis and Design  WOK P  CR 3 Grading Type: Letter Grade  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  WOK P  CR 4 Grading Type: Letter Grade  Introduces students to object-oriented computer programming using the Java programming language. Topics include variables, control structures, methods, objects, classes, arrays, files, exceptions and inheritance. WOK: Problem Solving. Pre-Requisite: CMSC-190. (Formerly CMSCU-210)

CMSC-231 Data Structures  CR 4 Grading Type: Letter Grade  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-231)

CMSC-279 CS History/Trends/Ethical Issues  CR 3 Grading Type: Letter Grade  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. Pre-Requisite: CMTC-190 or permission of the Chairperson. (Formerly CMSC-280)

CMSC-281 Special Topics in Comp/Info Sci  CR 3 Grading Type: Letter Grade  Covers current topics in computer science, such as human computer interaction and server-side programming. Topics vary by semester. Repeatable for credit.

CMSC-285 Algorithms in AI and Robotics  CR 3 Grading Type: Letter Grade  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  CR 3 Grading Type: Letter Grade  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-311 Research Methods/Comp & Info Sci  Writing Intensive CR 3 Grading Type: Letter Grade  Provides an examination of research methods in computer science. Students select a possible seminar topic and complete a literature search and review. Usually completed in the second semester of the Junior year. A grade of C or better is required to successfully complete this course. Fulfills the Core Curriculum Writing Intensive requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly CMSC-310)

CMSC-311 Communications and Networks  CR 3 Grading Type: Letter Grade  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-Requisite: CMTC-230. (Formerly CMSCU-321)

CMSC-350 Computer Architecture/Logic Design  CR 4 Grading Type: Letter Grade  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, CPU performance, 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  CR 3 Grading Type: Pass/Fail  An internship provides the computer and information sciences major with the opportunity to experience the role of an information resource person in a business or other organization. Open to students with Junior or Senior status. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly CMSCU-401 and CMSCU-402)

CMSC-405 Programming Languages  CR 3 Grading Type: Letter Grade  Examines the practical and theoretical aspects of programming languages. Topics include representation of data types, sequence control, and run-time storage and management. Pre-Requisite: CMSC-251. (Formerly CMSCU-405)

CMSC-481 Adv Special Topics in Comp/ Info Sci  CR 3 Grading Type: Letter Grade  Covers current topics in computer science, such as graphics animation or security. Repeatable for credit. (Formerly CMSCU-481 and CMSCU-482)

CMSC-490 Independent Study in Comp Science  CR 3 Grading Type: Letter Grade  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Study courses are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

CMSC-498 Senior Seminar: Comp and Info Sci  CR 3 Grading Type: Letter Grade  Students further develop the area of research that was begun in CMSC-311 to design and implement a research project and presentation. Students also discuss 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 Faculty Advisor. Pre-Requisite: CMSC-311 with a grade of C or better. (Formerly CMSCU-498)

COMPUTER INFORMATION TECHNOLOGY (CMTC)

CMTC-101 Intro to Computer Organization  CR 1 Grading Type: Letter Grade  This five-week course introduces the student to Microsoft Windows. Students learn many of the fundamental concepts of managing files, using Windows Explorer, and customizing and navigating the desktop environment. Fulfills the Computer Organization Proficiency requirement with a grade of C or better. (Formerly CITU-101)

CMTC-102 Introduction to Microsoft Word  CR 1 Grading Type: Letter Grade  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 Microsoft Word Proficiency requirement with a grade of C or better. Suggested Pre-Requisite: CMTC-101 (Formerly CITU-102)

CMTC-103 Introduction to Microsoft Excel CR: 1 Grading Type: Letter Grade 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 Microsoft Excel Proficiency requirement with a grade of C or better. Suggested Pre-Requisites: fulfillment of Math Proficiency; CMTC-101, and CMTC-102. (Formerly CITU-103)

CMTC-120 Research/Formatting Academic Papers CR: 1 Grading Type: Letter Grade Builds on introductory word processing skills most students learn before college. It focuses on word processing features students need for formatting academic research papers and concentrates on how to use the Internet for academic research. Students 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 Proficiency with a grade of C or better.

CMTC-142 Introduction to Internet Research CR: 1 Grading Type: Letter Grade During this five-week course students learn how to perform searches on the Internet using various databases and search engines. Fulfills the Research Proficiency with a grade of C or better. Suggested Pre-Requisites: CMTC-101, and CMTC-102. (Formerly CITU-142)

CMTC-180 Intro to Microsoft Access Database CR: 1 Grading Type: Letter Grade 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. Fulfills the Access Proficiency with a grade of C or better. Suggested Pre-Requisites: CMTC-101, CMTC-102 and CMTC-103. (Formerly CITU-180)

CMTC-185 Intermediate PowerPoint CR: 1 Grading Type: Letter Grade 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 Intermediate PowerPoint Proficiency with a grade of C or better. Recommended Pre-Requisite: student should have introductory knowledge of PPT.

CMTC-190 Intro to Comp Hardware/Peripherals CR: 1 Grading Type: Letter Grade 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. 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 CR: 3 Grading Type: Letter Grade 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. Suggested Pre-Requisite: CMTC-210. (Formerly CITU-200)

CMTC-201 Designing Websites CR: 3 Grading Type: Letter Grade Fulfills the design of websites rather than on web development. In particular, the course examines the importance of layout and composition, color, typogrophy, imagery, and texture. Pre-Requisite: CMTC-200. (Formerly CITU-201)

CMTC-205 Comp Graphics Design/ Illustrator CR: 3 Grading Type: Letter Grade Through the use of computer graphics technology, students learn how to use Adobe Illustrator to create original artwork, edit clipart, and generate unusual and stylized text. Emphasis is 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 Comp Graphics Design/ Photoshop CR: 3 Grading Type: Letter Grade Students learn the essentials of image enhancement and develop the skills needed to edit raster/bitmapped graphics. Students explore the basic concepts of color correction, photo retouching, composing (photo montages), photographic manipulation, 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 CR: 3 Grading Type: Letter Grade 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 Introduction to Data Communications CR: 3 Grading Type: Letter Grade 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-190 and CMSC-190, or permission of the Chairperson. (Formerly CITU-230)

CMTC-260 Applied Operating Systems CR: 3 Grading Type: Letter Grade Provides a hands-on introduction to various operating systems such as Windows, Linux, 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 is placed on overall ethical and legal issues regarding ownership and use of operating systems. Pre-Requisite: CMTC-190. (Formerly CITU-260)

CMTC-280 Database Programming CR: 3 Grading Type: Letter Grade Introduces students to the fundamentals of idatabase programming using 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. Cross-listed: BUSN-280. Pre-Requisites: CMSC-180, and CMTC-180. (Formerly CITU-340)

CMTC-285 Management Information Systems CR: 3 Grading Type: Letter Grade Introduces students to the use of information technology in the business environment. The language, concepts, structures, and processes involved in the management of information systems are discussed. The course is intended to help students focus on technological issues in implementing MIS strategies and to provide an overview of methodologies for design and development of information systems. Suggested Pre-Requisites: CMTC-193, CMTC-198, CMTC-200, BUSN-104 or BUSN-101.

CMTC-290 Web Design: xHTML and JavaScript CR: 3 Grading Type: Letter Grade Introduces students to creating interactive web pages using HTML and JavaScript. Students will incorporate design techniques developed in CMTC-200. Pre-Requisite: CMTC-200. (Formerly CITU-300)

CMTC-310 Research Methods/Comp and Info Tech Writing Intensive CR: 3 Grading Type: Letter Grade Provides an examination of research methods in computer science. 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 to successfully complete this course. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012, ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly CMTC-310)
CMTC-320 Presentations in Multimedia/Flash
CR: 3 Grading Type: Letter Grade
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 students should be prepared to take the Adobe ACA examination for Flash. Pre-Requisite: CMTC-200; recommended but not required: CMTC-205, 210 and COMM-221. (Formerly CITU-320)

CMTC-330 Intro/Programming in Visual Basic
WOK: P CR: 4 Grading Type: Letter Grade
Introduces students to the Visual Basic programming language. Students attend class four hours per week, including significant laboratory time. Some previous programming knowledge required. WOK: Problem Solving. Pre-Requisite: CMSC-190, or permission of the Chairperson. (Formerly CITU-330)

CMTC-401 Internship in Comp and Info Tech CR: 3 Grading Type: Pass/Fail
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. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly CITU-401 and CITU-402)

CMTC-481 Adv Spec Topics in Comp/Info Tech CR: 3 Grading Type: Letter Grade
Covers current topics in computer technology, such as web technology or digital forensics. Repeatable for credit. Topics vary by semester. (Formerly CITU-481)

CMTC-490 Independent Study in Info Tech CR: 3 Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

CMTC-498 Senior Seminar in Comp/Info Tech CR: 3 Grading Type: Letter Grade
Students further develop the area of research that was begun in CITMC-311 to design and implement a research project and presentation. Students also discuss current topics in Computer Technology 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 Faculty Advisor. Pre-Requisite: CMSC-311 with a grade of C or better. (Formerly CITU-498)

COMMUNICATIONS (COMM)

COMM-102 News Writing Workshop
CR: 1 Grading Type: Pass/Fail
Students in any major learn 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. Students 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 Communications
WOK: B CR: 3 Grading Type: Letter Grade
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. Communications Majors who took COMM-110 in Fall 2011 or earlier may not apply this course towards major requirements. WOK: Behavioral. (Formerly COMU-110)

COMM-112 Television Workshop
CR: 1 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
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. Communications Majors who took COMM-141 in Fall 2011 or earlier may not apply this course towards the major requirements.

COMM-201 Introduction to Film Analysis
CR: 3 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
Introduces the principles of visual design and composition used in media production. Students analyze creative techniques in photography and film. Serves as a foundation for video production courses. (Formerly COMU-203)

COMM-210 Interpersonal Communication
WOK: B CR: 3 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
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.

COMM-251 Mass Media and Society
WOK: B CR: 3 Grading Type: Letter Grade
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
WOK: B CR: 3 Grading Type: Letter Grade
Explores persuasive techniques for Web writing including online journalism, public relations, corporate communication, and other online media. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly COMU-252)

COMM-253 Adv Public Speaking Applications
CR: 3 Grading Type: Letter Grade
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 presentations. Fulfills the Public Speaking Core Curriculum Requirement for graduation. (Formerly COMU-253: Public Speaking.)

COMM-254 Advertising
WOK: B CR: 3 Grading Type: Letter Grade
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
WOK: B  CR: 3  Grade: Type: Letter Grade  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 develop and present a public relations campaign. WOK: Behavioral. Cross-listed: MKTG-255. (Formerly COMU-255)

COMM-258 Scriptwriting
Writing Intensive CR: 3  Grade: Type: Letter Grade  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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly COMU-258)

COMM-260 Public Relations Writing
Writing Intensive CR: 3  Grade: Type: Letter Grade  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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly COMU-260)

COMM-265 Advanced Feature Writing
Writing Intensive CR: 3  Grade: Type: Letter Grade  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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly COMU-265)

COMM-270 Business Communication
CR: 3  Grade: Type: Letter Grade  Addresses how communication occurs at business organizational level. Lecture topics include case studies examining consequences of effective and ineffective communication with business stakeholders. Students learn how to create documents specific to transactions within and across businesses entities. Students will be responsible for developing personal portfolios applicable to the career search process. (New course Spring 2011)

COMM-275 Persuasive Methods
CR: 3  Grade: Type: Letter Grade  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-281 Special Topics in Communication
CR: 3  Grade: Type: Letter Grade  Topics vary by semester. Repeatable for credit.

COMM-310 Theories and Research Methods
CR: 3  Grade: Type: Letter Grade  An examination of communication theories and research methods. Students learn how to interpret, analyze, and integrate significant data through a literature review. Pre-Requisite: Permission of Instructor required. (Formerly COMU-310)

COMM-325 Video Design and Production
CR: 3  Grade: Type: Letter Grade  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 nonlinear digital editing techniques. Pre-Requisite: COMM-221. (Formerly COMU-325)

COMM-350 Communication Law
CR: 3  Grade: Type: Letter Grade  Focuses on the many implications of Amendments I, IV, V, VI, and XIV to United States citizens and the country’s communication industries. Lecture topics discuss Supreme Court decisions, FCC policy, Executive Orders, and lawmaking as relates to communication in the United States. Classroom instruction will examine the consequences of key judicial, administrative, executive, and legislative interventions and discuss the impact of the precedents these interventions have set. (New course Spring 2013)

COMM-401 Internship in Communications
CR: 3  Grade: Type: Pass/Fail  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. Graded Pass/Fail only. Repeatable for credit. Variable credit from 1.0 to 3.0. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. Pre-Requisite: permission of the Chairperson. (Formerly COMU-401)

COMM-481 Adv Special Topics in Comm
CR: 3  Grade: Type: Letter Grade  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. Topics vary by semester. Repeatable for credit. (Formerly COMU-482)

COMM-490 Independent Study in Communications
CR: 3  Grade: Type: Letter Grade  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required. (Formerly COMU-490)

COMM-498 Senior Seminar in Communications
CR: 3  Grade: Type: Letter Grade  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 Faculty Advisor. Pre-Requisites: COMM-310, and a Writing Intensive course. (Formerly COMU-498)

CRIMINAL JUSTICE (CRJU)
CRJU-122 Introduction to Criminal Justice
WOK: B  CR: 3  Grade: Type: Letter Grade  An examination of law enforcement, the administration of justice and the correctional system in the United States. Includes some international comparison. WOK: Behavioral. (Formerly CRJU-122)

CRJU-200 World Justice and Care for Children
WOK: B  CR: 3  Grade: Type: Letter Grade  A global study of human rights for children including an examination of historical and contemporary conditions, international development programs, and current social and moral issues. Cross-listed: SOCI-200. WOK: Behavioral. (Formerly CRJU-200)

CRJU-201 Crime and Punishment Through Film
CR: 3  Grade: Type: Letter Grade  Makes use of classic films and contemporary writings to explore the deeper functions and meaning of crime and punishment in our society. Topics include examination of the failure of our prison system to deter crime, exploration of the root causes of different types of crimes, and consideration of questions of fairness and social justice as they relate to punishment.

CRJU-210 Gender and the Law
WOK: B  CR: 3  Grade: Type: Letter Grade  An historical-sociological treatment of the gender issues in the American legal system. Explores the successful and sometimes failed challenges mounted by advocates in the areas of political and civil rights, domestic and reproductive issues, employment opportunities, criminal justice and education. Some international gender issues will also be considered. WOK: Behavioral. Cross-Listed: SOCI-210. (Formerly CRJU-210)
CRJU-220 Juvenile Justice
WOK: B CR: 3 Grading Type: Letter Grade
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 CJU-220)

CRJU-223 Criminal Law
WOK: B CR: 3 Grading Type: Letter Grade
An exploration of the basic concepts and issues in substantive criminal law. Appellate case analysis will include definitions of crime, defenses to crime and contemporary controversial issues. WOK: Behavioral. (Formerly CJU-223)

CRJU-224 Criminal Investigation
CR: 3 Grading Type: Letter Grade
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
WOK: B CR: 3 Grading Type: Letter Grade
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 covered. WOK: Behavioral. (Formerly CJU-225)

CRJU-226 Deviance and Social Control
WOK: B CR: 3 Grading Type: Letter Grade
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: SOCI-226. (Formerly CJU-226)

CRJU-227 Corrections
WOK: B CR: 3 Grading Type: Letter Grade
Examines prisons and punishment. Topics to be covered include: philosophies of corrections, the development of prisons, institutional issues, penal reform and alternatives to incarceration. WOK: Behavioral. (Formerly CJU-227)

CRJU-230 Juvenile Delinquency
WOK: B CR: 3 Grading Type: Letter Grade
A historical and contemporary study of youth crime. Topics will include: theoretical analysis, programs and policy, and current problems such as youth violence, drugs and gangs. WOK: Behavioral. (Formerly CJU-230)

CRJU-245 Inside-Out
CR: 3 Grading Type: Letter Grade
The Inside-Out Prison Exchange is a unique experiential education class where students learn about the criminal justice system through dialogue. The class will meet inside a prison. Half of the students will be CHC students; half will be men incarcerated at the prison. Students will read, discuss, and solve problems together. Weekly and cumulative writings are required. Pre-Requisite: Permission of the instructor. (Formerly CJU-245)

CRJU-281 Special Topics in Criminal Justice
CR: 3 Grading Type: Letter Grade
Topics vary by semester. Repeatable for credit.

CRJU-321 Criminology
CR: 3 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
A seminar introducing 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 have incorporated aspects of restorative justice in their juvenile justice and adult criminal justice systems and nations such as South Africa, Rwanda, and Peru have embraced restorative justice as a means of healing communities affected by crimes against humanity. Examines the practices, programs, realities and controversies of restorative justice. Pre-Requisite: CRJU-122.

CRJU-401 Internship in Criminal Justice
CR: 3 Grading Type: Pass/Fail
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. Graded Pass/Fail only. Repeatable 4 credits. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly CJU-401)

CRJU-481 Adv Special Topics/Criminal Justice
CR: 3 Grading Type: Letter Grade
An in-depth investigation of a topic chosen by the instructor. Topics vary by semester. Repeatable for credit. (Formerly CJU-481)

CRJU-490 Independent Study in Crim Justice
CR: 3 Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. Pre-Requisite: Permission of the Instructor required.

CRJU-498 Senior Seminar in Criminal Justice
CR: 3 Grading Type: Letter Grade
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 Faculty Advisor. Pre-Requisite: A Writing Intensive course. (Formerly CJU-498)

ECONOMICS (ECON)

ECON-101 Macroeconomic Principles
WOK: B CR: 3 Grading Type: Letter Grade
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 1 or 2 on the Math Proficiency test. (Formerly ECONU-101)

ECON-102 Microeconomic Principles
WOK: B CR: 3 Grading Type: Letter Grade
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 factors, and the allocation in the framework of a classical economic system. WOK: Behavioral. Pre-Requisites: MATH-122 or Level 1 on the Math Proficiency test; and ECON-101. MATH-201 is recommended, but not required. (Formerly ECONU-102)

ECON-109 Environmental Economics
WOK: B CR: 3 Grading Type: Letter Grade
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 ECONU-109)

ECON-201 Principles of FINA: Money/ Banking
WOK: B CR: 3 Grading Type: Letter Grade
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. Pre-Requisite: ECON-101. (Formerly ECONU-201)

ECON-211 Introduction to Global Economics
WOK: B CR: 3 Grading Type: Letter Grade
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, purchasing power and interest rate parities, international financial institutions, and contemporary global economic issues. WOK: Behavioral. Pre-requisites: BUSN-101 or BUSN-104, and ECON-101. MATH-201 is recommended, but not required. (Formerly ECONU-211)
and social processes. Relationships between points of view and in terms of psychological can be explained and dealt with from different students to discuss the ways these situations imaginary educational situations and engages introduces discussions of real life and learning, teaching and creating educational own concern. The course introduces a explore teaching and learning issues of their particular social and cultural context by view of human development as integrated into healthy human psychological development in particular aspects of child 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.

EDML-202 Educational Psych-/Elem-Middle Years WOK: B CR: 3 Grading Type: Letter Grade Introduces future teachers to the area of psychology of education of middle childhood and gives them an opportunity to explore teaching and learning issues of their own concern. The course introduces a culturally 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.

EDML-222 The Emerging Middle School CR: 3 Grading Type: Letter Grade 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 completed through an integrated unit. Field experiences will be part of the course. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-310 Reading Methods I CR: 3 Grading Type: Letter Grade Presents research, methods, and materials in the design and implementation of reading instruction and assessment for students in grades 4 through 8. Research-based pedagogy appropriate to the elementary/middle level child will be utilized. This course does not contain a field component; however, students who choose English/ Reading/Language Arts as their concentration will apply what they have learned when completing the writing methods/practicum first semester junior year. Any education methods course requires knowledge and application of assessment principles, types and uses. All lesson plans developed as part of this course are required to include assessments of how teacher is to know that students understand/meet the goals of the lesson. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-311 Writing Methods/Assessment CR: 3 Grading Type: Letter Grade Investigates the theories and practices of writing as a modality of learning. Students will be writing and learning how to approach 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. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-312 Reading Methods II CR: 3 Grading Type: Letter Grade Presents research, methods, and materials in the design and implementation of a developmental, literature-based 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. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-315 Math Methods/Assessment CR: 3 Grading Type: Letter Grade Addresses the needs of Grade 4 through 8 Mathematics Educators in instruction with the NCTM and Pennsylvania State Standards. Course topics include an examination of educational trends and the impact of technology upon mathematic 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. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-316 Social Studies Methods/Assessment CR: 3 Grading Type: Letter Grade 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. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for the age level and content.

EDML-317 Science Methods/Assessment CR: 3 Grading Type: Letter Grade. 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. In addition, all lesson plans are to identify specific PA Academic Standards/ Anchors appropriate for age level and content.

EDML-320 Assessment CR: 3 Grading Type: Letter Grade. 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.

EDML-321 Class Mgt/App Instr/Field Exp
IIIA/Stage IIIA Portfolio CR: 3 Grading Type: Letter Grade Course 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.

EDML-420 Clinical Field Exp/Student Teaching/Stage IV Portfolio CR: 6 Grading Type: Letter Grade 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. Stage V Portfolio will be completed. 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.

EDML-421 Clinical/Student Teaching Seminar CR: 3 Grading Type: Letter Grade 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. Stage V Portfolio will be completed and evaluated. 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.

EDMN-220 Montessori Philosophy/Edu Theory CR: 3 Grading Type: Letter Grade 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 pedagogical principles of the Montessori method to today's educational philosophies and methods. Cross-listed: EDMN-520. (Formerly EMONU-223)

EDMN-221 Montessori Everyday Living/Art CR: 3 Grading Type: Letter Grade 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: EDMN-521. (Formerly EMONU-226)

EDMN-222 Montessori Sensorial/Music CR: 3 Grading Type: Letter Grade Provides the rationale and technique underlying 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: EDMN-522. (Formerly EMONU-227)

EDMN-223 Montessori Mathematics CR: 3 Grading Type: Letter Grade 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: EDMN-523. (Formerly EMONU-228)

EDMN-224 Montessori Language CR: 3 Grading Type: Letter Grade 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: EDMN-524. (Formerly EMONU-229)

EDMN-225 Montessori Natural/Social Sciences CR: 3 Grading Type: Letter Grade 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: EDMN-525. (Formerly EMONU-230)

EDMN-430 Montessori Fall Internship CR: 3 Grading Type: Letter Grade 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: EDMN-630. (Formerly EMONU-405)

EDMN-431 Montessori Fall Seminar CR: 2 Grading Type: Letter Grade Regularly scheduled biweekly seminars to correlate methods and student teaching run concurrently with the Internship for both fall and spring semesters. Seminar consists of biweekly 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: EDMN-631. (Formerly EMONU-407)

EDMN-432 Montessori Spring Internship CR: 3 Grading Type: Letter Grade 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: EDMN-632. (Formerly EMONU-406)

EDMN-433 Montessori Spring Seminar CR: 2 Grading Type: Letter Grade Regularly scheduled biweekly seminars to correlate methods and student teaching run concurrently with the Internship for both fall and spring semesters. Seminar consists of biweekly meetings that discuss and evaluate observation and participation experiences of seminar students working in Montessori classrooms. Co-Requisite: EDMN-432. Cross-listed: EDMN-633. (Formerly EMONU-408)

EDP4-201 Development/Early Years CR: 3 Grading Type: Letter Grade 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. Observation in school/other agencies required.

EDP4-202 Educational Psychology/Early Years WORK CR: 3 Grading Type: Letter Grade Presents comprehensive multidisciplinary array of theories, facts and practical knowledge in early childhood education through a variety of materials and media designed to create an Early Childhood education curriculum in line with the PDE 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. Contains a field experience component of 10-12 hours. WOK: Behavioral.

EDP4-203 Early Edu Fnds and Obs/Field Exp I/Stage I Portfolio CR: 3 Grading Type: Letter Grade Presents an analysis of the content, methods, and materials in the design and implementation of PreK-4 curricula in line with the PDE 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. This course contains a field component. Students enrolled in this course will spend 8-10 hours observing young children in early education settings.

EDP4-204 Early Edu Methods/Tech/Field Exp II/Stage II Portfolio CR: 3 Grading Type: Letter Grade 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 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 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.

EDP4-207 Early Literacy CR: 3 Grading Type: Letter Grade Designed to establish the foundations of early literacy development in PreK, 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 to development and researched-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.

EDP4-210 Teaching Reading With Trade Books CR: 3 Grading Type: Letter Grade 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 is reading for? 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.

EDP4-301 Health and Safety Methods CR: 3 Grading Type: Letter Grade 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.

EDP4-311 Writing Methods CR: 3 Grading Type: Letter Grade 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 PDE 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 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.

EDP4-314 Creative Arts Methods CR: 3 Grading Type: Letter Grade Designed to increase knowledge of the research that supports teachers’ differentiated 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, NAECY 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.

EDP4-315 Math Methods/Assessment CR: 3 Grading Type: Letter Grade 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 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.

EDP4-316 Social Studies Methods/Assessment CR: 3 Grading Type: Letter Grade 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.

EDP4-317 Science Methods/Assessment CR: 3 Grading Type: Letter Grade 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.

EDP4-318 Family and Community Partners CR: 3 Grading Type: Letter Grade 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 is in line with the PDE 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.

EDP4-320 Assessment CR: 3 Grading Type: Letter Grade 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 ethical practices.

EDP4-321 Class Mgt/App Instr/Field Exp I/Stage IIIA Portfolio CR: 3 Grading Type: Letter Grade 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.

EDP4-420 Clinical Field Exp/Student Teaching/Stage IV Portfolio CR: 6 Grading Type: Letter Grade  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.

EDP4-421 Clinical/Student Teaching Seminar CR: 3 Grading Type: Letter Grade  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. Stage V Portfolio will be completed. 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.

EDP4-490 Independent Study in Education CR: 3 Grading Type: Letter Grade  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

EDUCATION/SECONDARY (EDSC)

EDSC-203 Foundations of HS Education CR: 1 Grading Type: Letter Grade  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 EDUC 222)

EDSC-315 General Methods in Secondary Ed CR: 3 Grading Type: Letter Grade  Provides preparation of students in all major departments for general knowledge applicable to secondary curriculum. 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 CR: 1 Grading Type: Letter Grade  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 CR: 3 Grading Type: Letter Grade  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-318 Special Methods/Social Studies CR: 3 Grading Type: Letter Grade  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.

EDSC-420 Clinical Field Exp/Student Teaching/Stage IV Portfolio CR: 6 Grading Type: Letter Grade  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 acceptance into the Secondary Education program. Co-Requisite: EDP4-421. (Formerly ESECU-420)

EDSC-421 Clinical/Student Teaching Seminar CR: 3 Grading Type: Letter Grade  This seminar, in support of the field experience, includes weekly conferences to correlate general skills, knowledge 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. Stage IV Portfolio completed. Co-Requisite: EDCS-420. (Formerly ESECU-421)

EDSP-312 Reading Interventions/Diverse Learn CR: 3 Grading Type: Letter Grade  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, strategies for selecting and adapting instructional approaches in a case-study approach. (New course Spring 2013.)

EDSP-327 Physical/Health/Comm Disabilities CR: 3 Grading Type: Letter Grade  Current research and practice regarding the needs of students with physical/health and communication disabilities, including visual and hearing deficits, are examined in this course. Methods for including these students in the regular classroom and understanding the range of differences and similarities of this student group provide content for the course, including the development of IEPs, IFSPs, and ITDs. Students develop lesson plans that either specify adaptations to existing curriculum or special curriculum needs, such as life skills. Includes sensory aspects of disability across the lifespan. Pre-Requisite: EDUC-350. (Formerly EDUCU-325)

EDSP-340 Introduction to Special Education CR: 3 Grading Type: Letter Grade  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, 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.

EDSP-345 Assessment and Adaptations CR: 3 Grading Type: Letter Grade  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. (Co-Requisite: EDSP-355.)

EDSP-355 Instr/Inclusive Env/Field Exp IIB/Stage IIIB Portfolio CR: 3 Grading Type: Letter Grade  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. (Co-Requisite: EDSP-345.)

EDSP-390 ESL Foundations and Methods
CR: 3 Grading Type: Letter Grade
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.

EDUCATION/GENERAL (EDUC)

EDUC-210 Teaching Reading with Trade Books
CR: 3 Grading Type: Letter Grade
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-243 Analysis of Educational Writing
CR: 1.5 Grading Type: Letter Grade
Education majors will analyze pre-selected articles about educational theory, research and practice. Students will develop skills in summarizing, comparing and presenting information about best practices in education. Fulfills the Writing Intensive Core Requirement for graduation with permission. Pre-Requisite: ILAR 101 for students starting prior to Fall 2012. ENGL 101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. Permission of the Instructor is also required. (New course Summer 2012.)

EDUC-309 Fieldwork in Education: Grades 4-6
CR: 3 Grading Type: Letter Grade
Fieldwork experience where students will observe and participate in educational activities in a grade 4 through 6 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-317 Elementary Methodology II
CR: 3 Grading Type: Letter Grade
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
CR: 3 Grading Type: Letter Grade
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-341 Admin/Suvp of Early Childhood Progr
CR: 3 Grading Type: Letter Grade
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. Students will examine, analyze and develop general operating and personnel procedures. (Formerly EDUCU-341)

EDUC-346 Technology In Education
CR: 3 Grading Type: Letter Grade
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 uses of technology across the curriculum and across grade levels. (Formerly EDUCU-346)

EDUC-353 Edu Prac/Phys/Cognitive Disability
CR: 3 Grading Type: Letter Grade

EDUC-354 Education Practice-LDBD
Students
CR: 3 Grading Type: Letter Grade
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-401 Internship
CR: 3 Grading Type: Pass/Fail
Permission of instructor required.

EDUC-420 Student Teaching
CR: 6 Grading Type: Letter Grade
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 Seminar
CR: 3 Grading Type: Letter Grade
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. (Formerly EDUCU-421)

EDUC-490 Independent Study in Edu
CR: 3 Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Varies from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

EDUC-498 Senior Seminar in Education
CR: 3 Grading Type: Letter Grade
In seminar format, students explore areas of current educational 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 Faculty Advisor. Pre-Requisite: A Writing Intensive course. (Formerly EDUCU-498)

ENGLISH/Writing (ENGL)

ENGL-100 Essay Writing
CR: 3 Grading Type: Letter Grade
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 core requirement in college writing; students who successfully complete this course with a
ENG-101 College Writing
CR: 3 Grading Type: Letter Grade
Prepares students to write in college, focusing on essay writing, and includes techniques and processes of essay writing, argument (analysis, synthesis and development of arguments), and research (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 better in ENGL-101; Edu majors must earn a C or better. Pre-Requisite: FILA 120. (Formerly ENGU-100)

ENG-105 Advanced College Writing
CR: 3 Grading Type: Letter Grade
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 ENGU-105)

ENGLISH (ENGL)
ENGL-150 Introduction to Literature
WOK: L CR: 3 Grading Type: Letter Grade
Introduction and study of the literary elements of fiction, poetry, and drama. Course provides guidelines for analyzing and writing about literature. WOK: Literary. (Formerly ENGU-104 Writing Intensive - designation removed following Spring 2011 semester.)

ENGL-160 Literature Into Film
WOK: L CR: 3 Grading Type: Letter Grade
A study of the transformation of literary texts into film texts that focuses on the technical, cultural and political aspects of adaptation and the different capacities and limitations of each medium. WOK: Literary. Pre-Requisites: ENGL-101, ENGL-105 or IDHP-200/210. (Formerly ENGU-110)

ENGL-175 The Short Story
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105 or IDHP-200/210. (Formerly ENGU-175)

ENGL-190 Modern Japanese Literature
CR: 3 Grading Type: Letter Grade
Major Japanese works (in translation) from 1688 to present, with attention to literary history, social conditions, politics, education and religion. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-190)

ENGL-200 Tutoring Writing: Methods/Practice
CR: 1.5 Grading Type: Pass/Fail
Engage students in theoretical and practical approaches to composition and tutoring writing as well as approaches to approaches to reviewing student writing across disciplines. Students will be required to observe and analyze sessions in the Writing Center in order to gain an understanding of learning styles and the pedagogy of collaboration that is standard Writing Center practice. Topics will include: tutoring techniques, tutoring session format, working with specific student populations, and ethics in tutoring writing. This is an 8-week course. Pre-Requisite: ENGL-101, or IDHP-200/210.

ENGL-201 Shakespeare's Heroes and Heroines
WOK: L CR: 3 Grading Type: Letter Grade
A study and in-depth analysis of 8 plays including histories, tragedies and comedies. Attention to dramatic art, language, and characters. WOK: Literary. Pre-Requisite: ENGL-101, or IDHP-200/210. (Formerly ENGU-201)

ENGL-202 Shakespeare in Love and War
WOK: L CR: 3 Grading Type: Letter Grade
A study of the sonnets and plays not included in ENGL-201. WOK: Literary. Pre-Requisite: ENGL-101, or IDHP-200/210. (Formerly ENGU-202)

ENGL-203 Approaches to Literature
Writing Intensive
WOK: L CR: 3 Grading Type: Letter Grade
Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite.

ENGL-204 Writing Literary Non-Fiction
CR: 3 Grading Type: Letter Grade
Students will be exposed to several 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, ENGL-105, or IDHP-200/210. (Formerly ENGU-204)

ENGL-205 American Poetry
WOK: L CR: 3 Grading Type: Letter Grade
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, or IDHP-200/210. When offered as a hybrid course, Pre-Requisites may vary. (Formerly ENGU-205)

ENGL-206 British Poetry
WOK: L CR: 3 Grading Type: Letter Grade
A study of major British poets, beginning with the “Silver Poets” of the Elizabethan Era and continuing through to Contemporary British Poets , with attention to conventions of genre and historical cultural influences. WOK: Literary. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-206)

ENGL-225 18th Century British Literature
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105, or IDHP-200/210. (Formerly ENGU-225)

ENGL-227 Drama/Classical to Modern
WOK: L CR: 3 Grading Type: Letter Grade
An intensive reading of major dramas in British and continental literature. Stresses genres of tragedy and comedy. WOK: Literary. Pre-Requisite: ENGL-101, or IDHP-200/210. (Formerly ENGU-227)

ENGL-228 Modern Drama
WOK: L CR: 3 Grading Type: Letter Grade
Intensive reading of major American, British and continental dramatists. Emphasizes historical development and staging of plays. WOK: Literary. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-228)

ENGL-233 British Romanticism
WOK: L CR: 3 Grading Type: Letter Grade
Readings in major poetry and prose of the period covering 1790-1820, with attention to the origins of the “romantic” movement and the aesthetic and social concerns of the first and second generation of Romantic writers. Authors may include Blake, Wordsworth, Coleridge, Byron, Shelley, Keats and Mary Shelley. WOK: Literary. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-233)

ENGL-238 Victorian Literature
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105, or IDHP-200/210. (Formerly ENGU-238)

ENGL-241 Gender and Literature
Writing Intensive
WOK: L CR: 3 Grading Type: Letter Grade
Readings in various genres that investigate gender as a social and literary construction. Attention given to gender and sexual identity relative to historical and cultural conditions and the power relations encoded in those categories for authors and characters alike. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly ENGU-241)

ENGL-245 American Theater
WOK: L CR: 3 Grading Type: Letter Grade
A study of plays from O'Neill to the present. Attention to history of early drama in America, with intensive reading of modern plays. WOK: Literary. Pre-Requisite: ENGL-101, or IDHP-200/210. (Formerly ENGU-245)

ENGL-250 Creative Writing
CR: 3 Grading Type: Letter Grade
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-200/210. (Formerly ENGU-250)

ENGL-251 African American Writers
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105, or IDHP-200/210. (Formerly ENGU-250)

ENGL-255 Writing Poetry
CR: 3 Grading Type: Letter Grade
An opportunity for students to learn the craft of poetry writing. In addition to instruction in writing, the class will introduce students to a range of poems written by a diverse field of poets representing different cultures and historical moments with a focus on standard elements crucial to the craft. The course will be conducted as a workshop in which the instructor will guide students as they read and critique each other's poems. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (New course Spring 2012.)

ENGL-260 Ethnic Voices
WOK: L CR: 3 Grading Type: Letter Grade
Readings explore a diversity of ethnic voices and concerns within literature written in English in the Americas and Britain. Attention will be given to issues of identity, otherness, immigration, assimilation and the social and legal constructions of what constitutes 'Americanness' or 'Britishness.' WOK: Literary. Pre-Requisite: ENGL-101, -105, or IDHP-200/210. (Formerly ENGU-260)

ENGL-264 Early American Lit/Contact to 1820
WOK: L CR: 3 Grading Type: Letter Grade
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-200/210. (Formerly ENGU-264)

ENGL-265 American Romanticism/1820-1865
WOK: L CR: 3 Grading Type: Letter Grade
Readings in all genres of American literature that cover the birth of a vibrant American literary scene including but not limited to authors such as Hawthorne, Poe and Melville, Emerson, Thoreau, Douglas, Jacobs, Fuller, and Whitman. WOK: Literary. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-265)

ENGL-266 Modern Am Literature/1865 to 1945
WOK: L CR: 3 Grading Type: Letter Grade
Readings in all genres of American literature that cover literary movements including Realism, Naturalism, Regionalism, and Modernism and feature writers such as a Twain, Dickinson, Crane, DuBois, Fitzgerald, O'Neill, Eliot, Hemingway, Hughes and Hurston. WOK: Literary. Pre-Requisite: ENGL-101, -105, or IDHP-200/210. (Formerly ENGU-266)

ENGL-267 Contemporary Am Lit/1940 to Present
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105, or IDHP-200/210. (Formerly ENGU-267)

ENGL-270 Writing Short Fiction
CR: 3 Grading Type: Letter Grade
An in-depth exploration of short fiction writing, both traditional short stories and 'flash fiction,' an increasingly popular and very short form of fiction writing. Concentrates on the fundamentals of short story writing such as character, voice, and plot. Pre-Requisite: ENGL-101, -105, or IDHP-200/210. (New course Fall 2012.)

ENGL-275 Writing the Graphic Novel
CR: 3 Grading Type: Letter Grade
An introductory yet rigorous encounter with a subgenre that is receiving much academic and popular attention. Students will read and analyze a number of graphic texts (fiction and nonfiction) to understand how the narrative and visual components work together. Participants will produce the text and artwork for several graphic stories. Ability in drawing is not a pre-requisite. Pre-Requisite: ENGL-101, -105, or IDHP-200/210.

ENGL-280 American Literature of the 1920s
WOK: Literary. Pre-Requisite: WOK: CR: 3 Grading Type: Letter Grade
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 writing in the aftermath of World War I. Includes the Writing Intensive Core curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer and IDHP participants do not have a pre-requisite.

ENGL-281 Special Topics in English Lit
CR: 3 Grading Type: Letter Grade
Topics vary by semester. Repeatable for credit. Pre-Requisites: ENGL-101, -105, or IDHP-200/210. (Formerly ENGU-281)

ENGL-300 James Joyce and Ulysses
WOK: L CR: 3 Grading Type: Letter Grade
A seminar study of the work of James Joyce taken as its point of departure the short story collection Dubliners and the novel Portrait of the Artist as a Young Man as they provide the evolution of Joyce's modernist aesthetics in Ulysses, considered one of the most influential novels of the 20th Century. We will read significant episodes of Ulysses in relation to themes of Irish nationalism and cosmopolitanism, gender and religious difference, and the relative presence of the artist and Dublin in the text. WOK: Literary. Pre-Requisite: ENGL-101, -105, or IDHP-200/210. (Formerly ENGU-300)

ENGL-301 American Novel
Writing Intensive. WOK: L CR: 3 Grading Type: Letter Grade
Readings of American novels with an emphasis on understanding the conventions of the genre. Selections from Twain to the present with emphasis on the major movements in American fiction: Realism, Naturalism, Romanticism, Realism, Naturalism. WOK: Literary. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer and IDHP participants do not have a pre-requisite. (Formerly ENGU-301)

ENGL-305 Writing Poetry
CR: 3 Grading Type: Letter Grade
An opportunity for students to learn the craft of poetry writing. In addition to instruction in writing, the class will introduce students to a range of poems written by a diverse field of poets representing different cultures and historical moments with a focus on standard elements crucial to the craft. The course will be conducted as a workshop in which the instructor will guide students as they read and critique each other's poems. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210.

ENGL-308 The British Novel
Writing Intensive. WOK: L CR: 3 Grading Type: Letter Grade
The British novel from its inception as a new genre through its rise to prominence in the Victorian Era to experiments in the 20th century. Attention is given to historical influence and style. Grade Fulfills the Writing Intensive Core curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR-101 for students starting Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer and IDHP participants do not have a pre-requisite. (Formerly ENGU-308)

ENGL-338 Age of Chaucer
WOK: L CR: 3 Grading Type: Letter Grade
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, ENGL-105, or IDHP-200/210. (Formerly ENGU-338)

ENGL-340 American Seminar
CR: 3 Grading Type: Letter Grade
Seminar study of a single author or selected authors connected by a theme or historical movement in American 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: the novels of Toni Morrison, a Hemingway-Fitzgerald seminar, the Harlem Renaissance, or the Beat Generation. Repeatable for credit. Pre-Requisite: ENGL-101, ENGL-105, or IDHP-200/210. (Formerly ENGU-340)

ENGL-342 British Seminar
CR: 3 Grading Type: Letter Grade
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. Repeatable for credit. Pre-Requisite: ENGL-
ENGL-401 Internship in English Literature
CR: 3 Grading Type: Pass/Fail Designed to provide practical experience in fields related to the English Major. Repeatable for credit. Graded Pass/Fail only. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101 (Formerly ENGU-401)

ENGL-488 Research Writing
Writing Intensive CR: 3 Grading Type: Letter Grade Seminar study of literary theory for English and English Communication majors. 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR 101 for students starting prior to Fall 2012. ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly ENGU-267; Writing Int Fall 2011)

ENGL-490 Independent Study/Eng Lit/Eng Com CR: Variable Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are subject to all prerequisites. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

ENGL-498 Senior Seminar in Eng Lit/Eng Com CR: 3 Grading Type: Letter Grade Capstone experience for the English and the English and Communications 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 Faculty Advisor. Pre-Requisite: ENGL-488. (Formerly ENGU-498)

ENGLISH AS A SECOND LANGUAGE (ESOL)
ESOL-101 Basic Eng Skills/Non-Native I CR: 3 Grading Type: Letter Grade 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 Eng Skills/Non-Native II CR: 3 Grading Type: Letter Grade 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 CR: 3 Grading Type: Letter Grade An integrated skills class focusing on readings about American cultures and issues. Emphasizes developing vocabulary and increasing ability to participate comfortably in class discussions. May fulfill the Foreign Language Core Requirement for graduation upon approval of the Foreign Language Department and the Writing Coordinator. (Formerly ESOLU-103)

ESOL-104 Introduction to American Culture CR: 3 Grading Type: Letter Grade 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)

ETHICS (ETHS)
ETHS-201 Ethics CR: 3 Grading Type: Letter Grade The primary goals are to promote students’ awareness of ethical questions and knowledge of their historical contexts from antiquity to the present; and ability to critically interpret and evaluate philosophical texts, positions, and arguments. A significant portion of the class will be dedicated to the study of the major ethical schools of thought. Endeavors to inspire students to come to a recognition of some of their own cultural biases regarding ethical decision making. In particular, we will examine a variety of ethical issues by focusing on forms or ideals of life (How should one/I live? What is the good life?), and models for relating to others (Why should I care about or be just toward others? Do we need friendship, love, community, and justice? What are just social relations?) Fulfills the Ethics Core Requirement for graduation.

LIBERAL ARTS (FILA)
FILA-120 Fundamentals of the Liberal Arts CR: 3 Grading Type: Letter Grade The first writing course that all students take in their first semester. It also serves as an introduction to the various disciplines within the Liberal Arts tradition as well as an opportunity to strengthen college level learning skills. Students will engage the history and disciplinary frameworks for important questions about the world and the fields of study that readings address. Students will read and analyze important texts, participate in discussions, listen to and engage each other in discussions about ideas that have shaped our world as a preparation for the rest of their academic experiences. Assignments will emphasize the development of critical thinking, reading and writing skills. Takes advantage of our location in Philadelphia by using its museums and other sites in the area as part of the overall course experience. Students will attend a theatrical production during the semester. Other site visits are encouraged.

FINANCE (FINA)
FINA-181 Intro to Investments and Securities WOK: B CR: 3 Grading Type: Letter Grade 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-304 Corporate Finance WOK:B CR: 3 Grading Type: Letter Grade 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; MATH-201; and ECON-201. (Formerly BFINU-304)

FINA-336 Financial Markets and Institutions CR: 3 Grading Type: Letter Grade 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 CR: 3 Grading Type: Letter Grade 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: BUSN-101 or -104; ECON-102; and ECON-201. FINA-201 is recommended, but not required. (Formerly BFINU-352)

FINA-490 Independent Study in Finance CR: Variable Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are subject to all prerequisites. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

FOREIGN LANGUAGE EDUCATION (FLED)
FLED-352 Special Methods in Foreign Language CR: 3 Grading Type: Letter Grade For Education majors only. Prepares teachers of foreign languages, levels K-12. Includes discussion of current methodology in foreign language teaching, linguistic principles and practical experience. Familiarizes students with the ACTFL guidelines and the National Standards for Modern Languages and demonstrates how to incorporate them into their
teaching. Involves sample lessons, observation, and familiarity with current research in foreign language pedagogy and preparation of a portfolio. (Formerly FLU-317)

**FRENCH (FREN)**

**FREN-101 Elementary French I**
CR: 3 Grading Type: Letter Grade  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-101)

**FREN-102 Elementary French II**
CR: 3 Grading Type: Letter Grade  Continues the basics of the French language for students with at least one semester of preparation or the equivalent. It focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. It also incorporates the ACTFL proficiency guidelines and includes audio-visual materials and internet resources. (Formerly FRENU-102)

**FREN-103 Intermediate French I**
CR: 3 Grading Type: Letter Grade  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**
CR: 3 Grading Type: Letter Grade  Completes the basic structures of the French language. It prepares the student to enter more advanced courses, and aims at marketing level at the intermediate mid level. It incorporates the National Standards for language learning, the ACTFL proficiency guidelines, and includes audio-visual materials and internet resources. (Formerly FRENU-104)

**FREN-221 Grammaire et Composition Avancée**
**Writing Intensive. CR: 3 Grading Type: Letter Grade.**  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, and translations. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012, ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly FRENU-221)

**FREN-222 French for Oral Proficiency**
CR: 3 Grading Type: Letter Grade  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**
CR: 3 Grading Type: Letter Grade  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 CR: 3 Grading Type: Letter Grade.**  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 exposes, composition, and grammar as needed. Readings are drawn from French culture and literature and Internet sources. Includes 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 CR: 3 Grading Type: Letter Grade.** 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 exposes, 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 CR: 3 Grading Type: Letter Grade.** 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 CR: 3 Grading Type: Letter Grade.** 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-281 Special Topics in French CR: 3 Grading Type: Letter Grade.**  Repeatable for credit. Topics vary by semester.

**FREN-341 Le Dix-septième Siècle CR: 3 Grading Type: Letter Grade.**  Studies the period from Proust through the novel and romance and the théatre de l’absurde at writers of the end of the century. WOK: Literary. (Formerly FRENU-341)

**FREN-354 Le Vingtième Siècle CR: 3 Grading Type: Letter Grade.**  A study of modern society as reflected in its literary evolution from Proust through the novel and the théatre de l’absurde. WOK: Literary. (Formerly FRENU-354)

**FREN-355 Le Classicisme Éternel CR: 3 Grading Type: Letter Grade.**  Focuses on the classical sources that contributed to the formation of the French literary and artistic tradition in the eighteenth century, and which reappear especially in the twentieth century. Classical authors such as Racine, Moliere, and Voltaire will be considered, along with their modern counterparts, such as Giraudoux, Gide, Camus and Sartre. WOK: Literary. (Formerly FRENU-355)

**FREN-356 La Littérature Francophone WOK: L  CR: 3 Grading Type: Letter Grade.**  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 CR: 3 Grading Type: Pass/Fail  Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly FRENU-401)

**FREN-481 Advanced Special Topics in French CR: 3 Grading Type: Letter Grade.**  An intensive study of a specific period or topic in French literature. Repeatable for credit. (Formerly FRENU-481)

**FREN-490 Independent Study in French CR: Variable  Grading Type: Letter Grade.**  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study
courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

**FREN-498 Senior Seminar in French**
CR: 3 Grading Type: Letter Grade Designed to integrate, enrich and deepen the student’s understanding and appreciation of French literature. Develops a thematic basis 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 Faculty Advisor. Pre-Requisite: A Writing Intensive course. (Formerly FREN-498)

**FIRST YEAR INITIATIVE (FYIN)**
FYIN-120 First Year Initiative
CR: 1 Grading Type: Pass/Fail (Non Academic) Required for all First Year students. Graded pass/fail only. Credits earned not applicable towards graduation. (New course Fall 2012)

**GEOGRAPHY (GEOG)**
GEOG-201 World Geography: Humanity/Environment
CR: 3 Grading Type: Letter Grade 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-103)

**GERMAN (GERM)**
GERM-101 Elementary German I
CR: 3 Grading Type: Letter Grade 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
CR: 3 Grading Type: Letter Grade Continues the basics of the German language for students with at least one semester of preparation or the equivalent. It focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. It also incorporates the ACTFL proficiency guidelines and includes audio-visual materials and internet resources. (Formerly GERU-102)

GERM-104 Intermediate German II
CR: 3 Grading Type: Letter Grade Completes the basic structures of the German language with a focus on reading and composition. It prepares the student to enter more advanced courses, and aims for proficiency at the intermediate low to mid level. It incorporates the National Standards for language learning, the ACTFL proficiency guidelines, and includes audio-visual materials and internet resources. (Formerly GERU-104)

GERM-281 Special Topics in German
CR: 3 Grading Type: Letter Grade An intensive study of a specific period or topic of German History, Culture, Civilization or Literature. Repeatable for credit. (Formerly GERU-281)

GERM-481 Advanced Special Topics in German
CR: 3 Grading Type: Letter Grade An intensive study of a specific period or topic of German History, Culture, Civilization or Literature. Repeatable for credit. (Formerly GERU-481)

**GLOBAL STUDIES (GLST)**
GLST-201 Global Awareness Seminar
CR: 3 Grading Type: Letter Grade 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 or FILA 120. (Formerly GSU-201)

GLST-281 Special Topics in Global Studies
CR: 3 Grading Type: Letter Grade Permission of instructor required. May be substituted for GLST-201 to meet the graduation requirement.

**HISTORY (HIST)**
HIST-101 West Civ-Antiquity to Renaissance
WOK H CR: 3 Grading Type: Letter Grade 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 to Rev
WOK H CR: 3 Grading Type: Letter Grade 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
WOK H CR: 3 Grading Type: Letter Grade 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)

HIST-106 Survey of Women’s History
WOK H CR: 3 Grading Type: Letter Grade A general survey in the history of women from antiquity to the present. Special emphasis is given to women’s roles, their work, and their place in society. While the course will focus on Europe and America, women’s experiences globally will also be considered. WOK: Historical. (Formerly HISTU-106)

HIST-110 History of East Asia
WOK H CR: 3 Grading Type: Letter Grade 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.

HIST-141 Amer Survey: Colonial - Civil War
WOK H CR: 3 Grading Type: Letter Grade 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 Enlighten-ment 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-141)

HIST-142 Amer Survey: Reconstruction - WWI
WOK H CR: 3 Grading Type: Letter Grade An exploration of the major movements, events, persons, and ideas of American history from the end of the Civil War to the present day. Includes the Industrial Revolution and growth of cities, progressive reform, and the nation’s rise to world power. World War I, the roaring twenties, 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 the 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
WOK H CR: 3 Grading Type: Letter Grade 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.

HIST-201 Ancient Greece
WOK H CR: 3 Grading Type: Letter Grade 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 Mycenaeans, Archaic and Classical Greece, the
HIST-205 Renaissance/Reformation: 1450-1648
WOK: H CR 3 Grading Type: Letter Grade
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
WOK: H CR 3 Grading Type: Letter Grade
A survey of Europe from the Belle Epoque 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
WOK: H CR 3 Grading Type: Letter Grade
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
WOK: H CR 3 Grading Type: Letter Grade
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 reunified German nation. WOK: Historical. (Formerly HISTU-214)

HIST-218 French Revolution
Writing Intensive WOK: H CR 3 Grading Type: Letter Grade
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 Reign of Terror. WOK: Historical. Focuses on the writing of the Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012. ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly HISTU-218)

HIST-219 France and the Modern World
Writing Intensive WOK: H CR 3 Grading Type: Letter Grade
Focuses on the French from the Bourbon Restoration of Louis XVIII to the Fifth Republic of Francois Hollande. Emphasis is placed on political, social, and cultural developments from 1815 to the present. 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; immigration, and the European Union. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Historical. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012. ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly HISTU-219)

HIST-220 Rise and Fall of the Soviet Union
WOK: H CR 3 Grading Type: Letter Grade
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 Gr Britain/Tudors-Pres
WOK: H CR 3 Grading Type: Letter Grade
Highlights the cultural, social, political and economic development of modern Britain from the Tudors to the present. Special consideration is given to: Shakespearean 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 II
WOK: H CR 3 Grading Type: Letter Grade
Considers the development of Europe in the first half of the 20th Century. Specifically, how this period was characterized by unprecedented violence, culminating in civil and global war, revolution, and genocide. The course 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
WOK: H CR 3 Grading Type: Letter Grade
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
WOK: H CR 3 Grading Type: Letter Grade
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
WOK: H CR 3 Grading Type: Letter Grade
Focuses on the development of America (1900-1940) and 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. (Formerly HISTU-248)

HIST-236 Progressive America: 1900-1940
WOK: H CR 3 Grading Type: Letter Grade
Examines the history of America during the 1900s and early 1970s and their ongoing 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, political correctness, multiculturalism, the renewal of conservatism, the moral majority, casual dress, the reassertion of Congressional authority, and fears of American decline. WOK: Historical. (Formerly HISTU-236)

HIST-245 The 1960s and its Legacy
WOK: H CR 3 Grading Type: Letter Grade
Examines the great upheavals in American life during the 1960s and early 1970s and their ongoing 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, political correctness, multiculturalism, the renewal of conservatism, the moral majority, casual dress, the reassertion of Congressional authority, and fears of American decline. WOK: Historical. (Formerly HISTU-245)

HIST-246 History of Vietnam
WOK: H CR 3 Grading Type: Letter Grade
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 will also 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.
HIST-247 African Americans/Age of Slavery WOK H CR: 3 Grading Type: Letter Grade
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 uprisings, the abolitionist movement, and the Civil War. WOK: Historical. (Formerly HISTU-247)

HIST-248 African Am Since Emancipation WOK H CR: 3 Grading Type: Letter Grade
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. 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-250 Pennsylvania Experience WOK H CR: 3 Grading Type: Letter Grade
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 suburbania. WOK: Historical. (Formerly HISTU-250)

HIST-270 History of Chestnut Hill WOK H CR: 3 Grading Type: Letter Grade
A history of the Chestnut Hill section of Philadelphia with an emphasis on its social development over the past century. Introduces basic techniques in researching and writing local history. Includes field trips, slide lectures, and student presentations. WOK: Historical. (Formerly HISTU-270)

HIST-275 Film and History WOK H CR: 3 Grading Type: Letter Grade
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, Satyajit Ray, and Butnuel. WOK: Historical. (Formerly HISTU-275)

HIST-281 Special Topics in History WOK H CR: 3 Grading Type: Letter Grade
Topics vary by semester. WOK: Historical. Repeatable for credit.

HIST-322 Genocide in the Modern World Writing Intensive WOK H CR: 3 Grading Type: Letter Grade
Concentrates on the nature of genocide in the 20th century. Students 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Historical. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly HISTU-322)

HIST-330 Women’s Activism/Modern World Writing Intensive WOK H CR: 3 Grading Type: Letter Grade
Focuses on the public role of women in terms of their activism in key events shaping our view 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Historical. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly HISTU-330)

HIST-332 Cities and Suburbs WOK H CR: 3 Grading Type: Letter Grade
A study of American cities and their suburbs from the colonial period to the present. 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 are examined. WOK: Historical. (Formerly HISTU-332)

HIST-334 The American Presidency: A History WOK H CR: 3 Grading Type: Letter Grade
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 WOK H CR: 3 Grading Type: Letter Grade
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 CR: 3 Grading Type: Letter Grade
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. Open only to History majors with 54 or more earned academic credits.

HIST-401 Internship in History CR: Variable Grading Type: Pass/Fail
Variable credit 1.0 to 3.0. Graded Pass/Fail only. Repeatable for credit. Permission of instructor/department required. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly HISTU-401)

HIST-403 Fieldwork in History CR: 3 Grading Type: Letter Grade
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. Course not applicable to History major requirements. Repeatable for credit. Permission of instructor/department required. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly HISTU-401 and HISTU-402)

HIST-490 Independent Study in History CR: Variable Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

HIST-497 History and Historiography CR: 3 Grading Type: Letter Grade
Introduction to Historiography and the development of the methods used by historians from the ancient world to the present. Course is open only to History majors with 84 or more earned academic credits. (Formerly HISTU-497)

HIST-498 Senior Seminar in History CR: 3 Grading Type: Letter Grade
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
Spring of the student’s Senior year. Students register for this course upon approval of the Faculty Advisor. Pre-Requisite: HIST-497.  
(Formerly HISTU-498)

**HUMAN SERVICES (HSVC)**

**HSVC-105 Introduction to Human Services**  
WOK: B CR: 3 Grading Type: Letter Grade  
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**  
CR: 3 Grading Type: Letter Grade  
Intended to develop an understanding of the child welfare system, with special attention to its history in the United States, its policies, current trends 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**  
WOK: B CR: 3 Grading Type: Letter Grade  
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 RLST-250. Required minimum 20 hours of service per week. WOK: Behavioral.  
(Formerly HSU-250)

**HSVC-257 Human Behavior and the Social Env**  
WOK: B CR: 3 Grading Type: Letter Grade  
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**  
CR: 3 Grading Type: Letter Grade  
An in-depth investigation of a topic chosen by the instructor. Subject and possible prerequisites vary by semester. Repeatable for credit.

**HSVC-303 Human Services Fieldwork/ Seminar I**  
CR: 3 Grading Type: Letter Grade  
Field placement for Human Services Majors at social welfare agencies, public interest groups, community health centers, programs for older adults or governmental organizations. Supervision by a field supervisor employed by the agency and a liaison from the College faculty. Pre-requisites: HSVC-105 and HSVC-303. Open only to Human Services Majors with 34 or more earned credits. Course repeatable up to 6 credits. Pre-Requisite: HSVC-105.  
(Formerly HSU-301 and HSU-302)

**HSVC-308 Theory/Pract of Counseling in Human Services**  
WOK: B CR: 3 Grading Type: Letter Grade  
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 theorists, 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-322 Disability and Society/Seminar**  
WOK: B CR: 3 Grading Type: Letter Grade  
Designed for persons entering the fields of rehabilitation, education, social work, human services, psychology, and other fields requiring a greater understanding of disability-related issues. The course aims to present many of the issues, challenges and opportunities that service providers may encounter when working with persons with disabilities. WOK: Behavioral. Pre-Requisite: HSVC-105.

**HSVC-356 Social Welfare Policy**  
WOK: B CR: 3 Grading Type: Letter Grade  
Explores 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**  
CR: 3 Grading Type: Letter Grade  
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**  
CR: 3 Grading Type: Letter Grade  
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**  
CR: 3 Grading Type: Letter Grade  
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: HSVC-105 and HSVC-303. Open only to Human Services Majors with 84 or more earned credits. Course repeatable for up to 6 credits. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly HSU-401 and HSU-402)

**HSVC-481 Adv Special Topics/Human Services**  
CR: 3 Grading Type: Letter Grade  
An in-depth investigation of a topic chosen by the instructor. Subjects and possible prerequisites vary by semester. Repeatable for credit. (Formerly HSU-481)

**HSVC-490 Independent Study in Human Services**  
CR: 3 Grading Type: Letter Grade  
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

**HSVC-498 Senior Seminar in Human Services**  
CR: 3 Grading Type: Letter Grade  
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 approval of the Faculty Advisor. Pre-Requisites: HSVC-105, SOCI-201, and SOCI-302. (Formerly HSU-498)

**INTERNATIONAL BUSINESS, LINGUISTIC/CULTURE (IBLC)**

**IBLC-401 Internship in Intern'l Business**  
CR: 3 Grading Type: Pass/Fail  

**IBLC-498 Senior Seminar in Intern'l Business**  
CR: 3 Grading Type: Letter Grade  
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 Faculty Advisor. Pre-Requisites: HSVC-105, SOCI-201, and SOCI-302. (Formerly HSU-498)

**INTERCULTURAL FOUNDATIONS (ICFC)**

**ICFC-101 Intercultural Foundations**  
Wrkshp I  
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)  
For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation.

ICFC-201 Intercultural Foundations/Field I CR: 0.5 Grading Type: Pass/Fail (Non-Academic) For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-200.


ICFC-204 Intercultural Foundations/Field IV CR: 0.5 Grading Type: Pass/Fail (Non-Academic) For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-200.


ICFC-301 Reflection and Self-Assessment CR: 0.5 Grading Type: Pass/Fail (Non-Academic) For students in the Certificate in Intercultural Foundations program. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite: ICFC-200.

INTERDISCIPLINARY HONORS (IDHP)

IDHP-210 Writing in the Disciplines I CR 2 Grade 3 Letter Grade Students discover the diversity of perspectives offered by the liberal arts through writing, reading, and discussion. This course serves as an introduction to the structure, methodology, and skills of the Interdisciplinary Honors Program including instruction and practice in group dynamics and discussion, research, basic writing skills, writing in various disciplines and word processing. Successful completion of the course meets the Public Speaking requirement. Pre-Requisite: By Invitation Only (New course Fall 2012.)

IDHP-220 Writing in the Disciplines II CR 2 Grade 3 Letter Grade Students discover the diversity of perspectives offered by the liberal arts through writing, reading, and discussion. This course serves as an introduction to the structure, methodology, and skills of the Interdisciplinary Honors Program including instruction and practice in group dynamics and discussion, research, basic writing skills, writing in various disciplines and word processing, Pre-Requisite: IDHP-210. (New course Spring 2013.)

IDHP-301 Fame and Fortune on the Couch I WOK H CR 3 Grade 3 Type Letter Grade The lives of notable men and women will be probed for insights into their developmental formations, their motives (both conscious and unconscious) for seeking success, and their interactions with other persons (family, friends, and colleagues), along with the times and places where they lived and worked. This interdisciplinary honors seminar combines the complimentary insights of biography and psychology. WOK: Historical (or Behavioral.)

IDHP-302 Fame and Fortune on the Couch II WOK B CR 3 Grade 3 Type Letter Grade The lives of notable men and women will be probed for insights into their developmental formations, their motives (both conscious and unconscious) for seeking success, and their interactions with other persons (family, friends, and colleagues), along with the times and places where they lived and worked. This interdisciplinary honors seminar combines the complimentary insights of biography and psychology. WOK: Behavioral (or Historical.) Pre-Requisite: By Invitation Only.

IDHP-330 Voyages of Discovery I WOK S CR 3 Grade 3 Type Letter Grade 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.’ Examines how during this time, despite current conceptions of science and literature as two discrete fields of endeavor, 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.

IDHP-331 Voyages of Discovery II WOK L CR 3 Grade 3 Type Letter Grade 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.’ Examines how during this time, despite current conceptions of science and literature as two discrete fields of endeavor, 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.

IDHP-332 Voyages of Discovery III WOK B CR 3 Grade 3 Type Letter Grade 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. Includes a Service Learning component and two field trips. WOK: Scientific (or Literary.) Pre-Requisite: By Invitation Only.

IDHP-335 Scratching Our Niche II WOK L CR 3 Grade 3 Type Letter Grade 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. Includes a Service Learning component and two field trips. WOK: Scientific (or Literary.) Pre-Requisite: By Invitation Only.

IDHP-340 One World: Reweaving Wholeness I WOK L CR 3 Grade 3 Type Letter Grade Guided by a vision of original and ultimate oneness/wholeness, challenged by our personal and communal experience of its historical demise, and committed to our human task of helping to reweave it. The primary texts will invite us into the world of literature and our own lives, allowing each to inform, critique and interpret the other. Course content and methodology will engage students in the history of ideas, which will unfold through the literature of the Romantic, Baroque, Modern and Post-Modern periods, where we will discover more about the beliefs and perceptions that shaped human understanding of the (natural/supernatural) world and our relationship to it. The trajectory of studies will lead to our contemporary situation and its evolutionary worldview. From such a vantage point, we will conclude the course in poetic appreciation of mystery and uncertainty, affect and intellect, the spiritual and the material—all vital threads in weaving the tapestry of human and planetary wholeness. WOK: Literary. Also fulfills Religious Studies Core Curriculum requirement for graduation, RLST-104. Pre-Requisite: By Invitation Only.

IDHP-341 One World: Reweaving Wholeness II CR 3 Grade 3 Type Letter Grade Guided by a vision of original and ultimate oneness/wholeness, challenged by our personal and communal experience of its historical demise, and committed to our human task of helping to reweave it. The primary texts will invite us into the world of literature and our own lives, allowing each to inform, critique and interpret the other. Course content and methodology will engage students in the history of ideas, which will unfold through the literature of the Romantic, Baroque, Modern and Post-Modern periods, where we will discover more about the beliefs and perceptions that shaped human understanding of the (natural/supernatural) world
and our relationship to it. The trajectory of studies will lead to our contemporary situation and its evolutionary worldview. From such a vantage point, we will conclude the course in poetic appreciation of mystery and uncertainty, affect and intellect, the spiritual and the material—all vital threads in weaving the tapestry of human and planetary wholeness. WOK: Literary. Also fulfills Religious Studies Core requirement for graduation, a 200-level RLST-course. Pre-Requisite: By Invitation Only

ITALIAN (ITAL)

ITAL-101 Elementary Italian I
CR: 3 Grading Type: Letter Grade 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
CR: 3 Grading Type: Letter Grade This course continues the basics of the Italian language for students with at least one semester of preparation or the equivalent. It focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. It also incorporates the ACTFL proficiency guidelines and includes audio-visual materials and Internet resources. (Formerly ITALU-102)

ITAL-103 Intermediate Italian I
CR: 3 Grading Type: Letter Grade A continuation 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
CR: 3 Grading Type: Letter Grade This course completes the basic structures of the Italian language. It prepares the student to enter more advanced courses, and aims for proficiency at the intermediate mid level. It incorporates the National Standards for language learning, the ACTFL proficiency guidelines, and includes audio-visual materials and Internet resources. (Formerly ITALU-104)

LATIN (LATN)

LATN-101 Elementary Latin I
CR: 3 Grading Type: Letter Grade Students master Latin vocabulary and the fundamentals of grammar and syntax. They become aware of the impact of Roman heritage in literature, art, architecture, and law. (Formerly LATN-101)

LATN-102 Elementary Latin II
CR: 3 Grading Type: Letter Grade Students continue to expand mastery of Latin vocabulary and grammar and the comprehension of the language by listening, speaking, reading, and writing. Excerpts from the works of Roman authors acquaint students with the life and customs of the Roman people. (Formerly LATU-102)

LATN-103 Intermediate Latin I CR: 3 Grading Type: Letter Grade After a brief review of the basics, students pursue advanced Latin grammar, syntax, and etymology. Students expand their knowledge of Roman literature, history, and culture through the writings of Roman authors. (Formerly LATU-103)

LATN-104 Intermediate Latin II CR: 3 Grading Type: Letter Grade Students become familiar with a wide variety of Latin literature via original works and adaptations of famous Roman authors. Topics regarding Roman civilization and culture and their influence on Western civilization are discussed. (Formerly LATU-104)

LATN-240 The Gift of Virgil WOK: L CR: 3 Grading Type: Letter Grade Sections of the Aeneid, Books I-VI, read in the original. Emphasis on the unifying thread and motivation which makes this work as vital to the readers of today as to Virgil's contemporaries. WOK: Literary. (Formerly LATU-240)

LATN-241 Early Christian and Medieval Latin WOK: L CR: 3 Grading Type: Letter Grade Readings from the Fathers of the Church; religious and secular prose and poetry from the 5th to the 13th centuries. Study of the contributions of Latin as a vehicle of thought. Attention to the changes in morphology and syntax; emphasis on the ability to read rapidly from selections of the available material. WOK: Literary. (Formerly LATU-241)

LATN-261 Survey of Latin Poetry WOK: L CR: 3 Grading Type: Letter Grade Selections from the lyrics of Catullus, the Odes of Horace and the Metamorphoses of Ovid, including the characteristics and metrical forms of each type, the history 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 WOK: L CR: 3 Grading Type: Letter Grade 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-281 Special Topics in Latin CR: 3 Grading Type: Letter Grade Study of a specific period or topic in Latin literature arranged with a view to student interest. Repeatable for credit. Topic varies by semester.

LATN-321 Stylistics and Prosse Literature WOK: L CR: 3 Grading Type: Letter Grade 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 CR: 3 Grading Type: Letter Grade 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)

LEARNING STRATEGIES (LSTR)

LSTR-100 Creating Success/College and Life CR: 3 Grading Type: Letter Grade Non-Academic Designed to help students create greater success in college and in life. The student will learn many proven strategies for creating greater academic, professional, and personal success. We will use experiential classroom activities, guided journal writings, and discussion to help you gain insight into topics that promote student success. These topics include: personal responsibility, self-motivation, time (self) management, interdependence, self-awareness and emotional intelligence. Any student may take this class, but it is required of students who enter at academic risk as determined by SAT scores, placement scores, and/or GPA. Students on Academic Probation may also be required to take this class. Credits earned are not applicable towards graduation.

LSTR-102 Creating Success/Reading/Writing CR: 3 Grading Type: Letter Grade Non-Academic Designed to help students create greater success in college and in life. The student will learn many proven strategies for creating greater academic success. This course is designed to meet a variety of reading and study skills needs, specifically the need to read and understand college level materials effectively. Any student may take the course, but it is required of students who enter at academic risk as determined by SAT Critical Reading scores, placement scores, and/or GPA. Credits earned are not applicable towards graduation.

MATHEMATICS (MATH)

MATH-100 Develop Math: Basic Skill/Principle CR: 3 Grading Type: Letter Grade Non-Academic 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 Exam. Credits not applicable towards graduation. (Formerly MATHU-100)

MATH-115 Understanding/Quantitative World WOK: P CR: 3 Grading Type: Letter Grade 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. Students who earn a grade of C or better fulfill the Mathematics Proficiency requirement for graduation. Not intended for students whose major requires additional mathematics, since it does not fulfill the Pre-Requisite for MATH: 201, 203, 211, 227, or 231. WOK: Problem Solving, Pre-Requisite: Math Proficiency Level 3. (Formerly MATHU-115)

MATH-121 Precalculus I WOK: P CR: 3 Grading Type: Letter Grade 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 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 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 Math Proficiency Level 3. (Formerly MATHU-121)

MATH 122 Precalculus II
WOK: P CR: 3 Grading Type: Letter Grade 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 WOK: P CR: 4 Grading Type: Letter Grade 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: MATH Proficiency Level 3.

MATH 201 Math for Mgmt I/Finite Mathematics WOK: P CR: 3 Grading Type: Letter Grade 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 122, or Math Proficiency Level 1 or 2. (Formerly MATHU 201)

MATH 202 Math for Mgmt II/Applied Calculus WOK: P CR: 3 Grading Type: Letter Grade Differential and integral calculus with applications to business, management, and the life sciences. WOK: Problem Solving. Pre-Requisite: MATH 201, or Math Proficiency Level 1 or 2 and permission of the Chairperson. (Formerly MATHU 202)

MATH 203 Analytic Geometry and Calculus I WOK: P CR: 3 Grading Type: Letter Grade Elements of analytic geometry, functions, limits, differentiation, applications of the derivative. WOK: Problem Solving. Pre-Requisite: MATH 122, or Math Proficiency Level 1 or 2. (Formerly MATHU 203)

MATH 204 Analytic Geometry and Calculus II WOK: P CR: 3 Grading Type: Letter Grade Integration, applications of the integral, integration of exponential, logarithmic, trigonometric, and inverse trigonometric functions, methods of integration. WOK: Problem Solving. Pre-Requisite: MATH 211 or MATH 203. (Formerly MATHU 204)

MATH 211 Calculus and Modern Analysis I WOK: CR: 3 Grading Type: Letter Grade Functions, differentiation, applications of the derivative, Fundamental Theorem of the Calculus, integration. Use technology to reinforce the basic concepts of calculus. WOK: Problem Solving. Pre-Requisite: Math Proficiency Level 1, or permission of the Chairperson. (Formerly MATHU 211)

MATH 212 Calculus and Modern Analysis II WOK: P CR: 3 Grading Type: Letter Grade Applications of the integral, integration of transcendental functions, methods of integration, improper integrals, indeterminate forms, Taylor’s Formula. Use technology to reinforce the basic concepts of calculus. WOK: Problem Solving. Pre-Requisite: MATH 211 or permission of the Chairperson. (Formerly MATHU 212)

MATH 215 Mathematics for Liberal Arts WOK: P CR: 3 Grading Type: Letter Grade 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 the Chairperson. (Formerly MATHU 215)

MATH 227 Intro to Probability and Statistics WOK: P CR: 3 Grading Type: Letter Grade 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: Math Proficiency Level 1 or 2.

MATH 227 Intro to Probability and Statistics WOK: P CR: 3 Grading Type: Letter Grade 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: Math Proficiency Level 1 or 2.

MATH 230 Basic Math Theory/ Applications I WOK: P CR: 3 Grading Type: Letter Grade 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 230)

MATH 231 Basic Math Theory/ Applications II WOK: P CR: 3 Grading Type: Letter Grade A continuation of the topics covered in MATH 230. 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 231)

MATH 232 Basic Math Theory/ Applications III WOK: P CR: 3 Grading Type: Letter Grade A continuation of the topics covered in MATH 230 and 231. 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 WOK: P CR: 3 Grading Type: Letter Grade 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 WOK: P CR: 3 Grading Type: Letter Grade 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 WOK: P CR: 3 Grading Type: Letter Grade Introduction to basic techniques and modes of reasoning of combinatorial problem solving. Topics chosen from 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. WOK: Problem Solving. Pre-Requisite: MATH 212, 204, or 202 or permission of the Chairperson. (Formerly MATHU 261)

MATH 262 Probability and Statistics WOK: P CR: 3 Grading Type: Letter Grade Organizing and describing data, general
probability theory, standard distributions, significance tests, confidence intervals, regression and correlation. WOK: Problem Solving. Pre-Requisite: MATH-204 or MATH-212, or permission of the Chairperson. (Formerly MATHU-362)

MATH-281 Special Topics in Mathematics CR: 3 Grading Type: Letter Grade An in-depth investigation of a particular area of mathematics. Requires permission of the Chairperson since the topic and its Pre-Requisites may vary. Repeatable for credit.

MATH-305 Abstract Algebra I CR: 3 Grading Type: Letter Grade 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 CR: 3 Grading Type: Letter Grade 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-317 Special Methods in Mathematics CR: 3 Grading Type: Letter Grade For Education Majors only. Covers topics considered essential for successful teaching of mathematics at the secondary level, including careful analysis of the standards and goals established by the National Council of Teachers of Mathematics. Students observe classes and meet for discussion on content, methods, lesson planning, test construction, and other items related to secondary teaching. Pre-Requisite: Permission of the Instructor. (Formerly MATHU-317)

MATH-321 Advanced Calculus CR: 3 Grading Type: Letter Grade Sets and functions, topological terminology, sequences, continuity and its implications, differentiation, integration, series and uniform convergence, selected topics. Pre-Requisite: MATH-252, or permission of the Chairperson. (Formerly MATHU-321)

MATH-331 Mathematical Modeling CR: 3 Grading Type: Letter Grade 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, MATH-204 or MATH-212. (Formerly MATHU-331)

MATH-341 Introduction to Operations Research CR: 3 Grading Type: Letter Grade 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-341)

MATH-342 Fundamentals of Geometry CR: 3 Grading Type: Letter Grade The study of axiomatic systems, Euclidean, non-Euclidean and transformation geometries. Required for Secondary Certification. Pre-Requisite: MATH-251, or permission of the Chairperson. (Formerly MATHU-342)

MATH-401 Internship in Mathematics CR: 3 Grading Type: Pass/Fail Graded Pass/Fail only. Repeatable for credit. Permission of instructor/department required. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly MATHU-401)

MATH-481 Adv Special Topics in Mathematics CR: 3 Grading Type: Letter Grade An in-depth investigation of a particular area of mathematics. Requires permission of the Chairperson, since the topic and its prerequisites may vary. Repeatable for credit. (Formerly MATHU-481)

MATH-490 Independent Study in Mathematics CR: 3 Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

MATH-497 Modern Mathematical Theory Writing Intensive CR: 3 Grading Type: Letter Grade A seminar designed to help students gain a broad context for understanding mathematics through the study of its history and selected topics, e.g., cryptography, coding theory, fractals, and famous problems. Focus on writing includes the solution of problems and proofs as well as descriptive writing. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly MATHU-497)

MATH-498 Senior Seminar in Mathematics CR: 3 Grading Type: Letter Grade A capstone seminar in selected topics such as cardinal numbers and ordering of infinite sets, axiomatic systems, symbolic logic, number theory, others according to interests of students. Mathematics Majors complete and present a research project in mathematics; Mathematic and computer science majors complete and present a research project that incorporates mathematics and computer 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 Faculty Advisor. Pre-Requisite: MATH-497. (Formerly MATHU-499)

MANGEMENT (MGMT)

MGMT-105 Principles of Management CR: 3 Grading Type: Letter Grade 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, human resources, 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. Pre-Requisite: BUSN-104. (Formerly BMGTU-105)

MGMT-204 Organization/Management of HR CR: 3 Grading Type: Letter Grade 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: Writing Intensive as of Spring 2011. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. All non Accounting Majors must also have BUSN-101 or BUSN-104. (Formerly BMGTU-204)

MGMT-205 Project Management CR: 3 Grading Type: Letter Grade Provides an introduction to the systems approach to the management of complex tasks or projects whose objectives are explicitly stated in terms of time, cost and performance parameters. The key elements addressed include: scope, schedule, budget, quality, human resources, communications, risk and procurement. The course will review how these elements fit into a project management plan, as well as how they are executed and controlled. Pre-Requisites: BUSN-104; and MATH-122, or Level 1 or 2 on the Math Proficiency Test. (Formerly BMGTU-205)

MGMT-206 Purchasing/Supply Chain Management CR: 3 Grading Type: Letter Grade 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: BUSN-101 or BUSN-104; ECON-102, and ACCT-101. (Formerly BMGTU-206)

MGMT-281 Special Topics in Management
CR: 3 Grading Type: Letter Grade Repeatable for credit. Topics vary by semester.

MGMT-300 Operations Management
CR: 3 Grading Type: Letter Grade Through lectures and case studies the student 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-Requisites: MATH-201 and ECON-102. (Formerly BMGTU-300)

MGMT-302 Entrepreneurship
CR: 3 Grading Type: Letter Grade 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. Open to Juniors or Seniors only. Pre-Requisites: ACCT-104 and MATH-201. (Formerly BMGTU-302)

MGMT-303 Strategic Management
CR: 3 Grading Type: Letter Grade 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. Open to Juniors and Seniors only. Pre-Requisites: ACCT-104 and MATH-201. MATH-227 is recommended, but not required. (Formerly BMGTU-303)

MGMT-304 Culture in Intern'l Decision-Making
CR: 3 Grading Type: Letter Grade 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 national- ity, and is expected to take a global perspec-
MUSIC LESSONS (MUSA)

MUSA-131 Beginning French Horn I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-132 Beginning French Horn II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-133 Beginning Tuba I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-134 Beginning Tuba II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-135 Beginning Electric Bass I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-136 Beginning Electric Bass II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-141 Beginning Piano I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-141)

MUSA-142 Beginning Piano II
CR: 0.3 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-142)

MUSA-143 Beginning Voice I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-143)

MUSA-144 Beginning Voice II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-144)

MUSA-145 Beginning Violin/Viola I
CR: 0.3 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-145)

MUSA-146 Beginning Violin/Viola II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-146)

MUSA-149 Beginning Cello I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-149)

MUSA-153 Beginning Trombone/Euphonium I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-157 Beginning Trumpet I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-157)

MUSA-158 Beginning Trumpet II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-158)

MUSA-163 Beginning Clarinet I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-163)

MUSA-164 Beginning Clarinet II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-164)

MUSA-165 Beginning Saxophone I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-165)

MUSA-166 Beginning Saxophone II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-166)

MUSA-169 Beginning Percussion I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-169)

MUSA-170 Beginning Percussion II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-170)

MUSA-171 Beginning Guitar I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-171)

MUSA-172 Beginning Guitar II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-172)

MUSA-173 Beginning Flute I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-173)

MUSA-174 Beginning Flute II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-174)

MUSA-181 Beginning String Bass I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-181)

MUSA-182 Beginning String Bass II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-182)

MUSA-231 Intermediate French Horn I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-232 Intermediate French Horn II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-233 Intermediate Tuba I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-234 Intermediate Tuba II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-235 Intermediate Electric Bass I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-236 Intermediate Electric Bass II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only.

MUSA-241 Intermediate Piano I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-241)

MUSA-242 Intermediate Piano II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-242)

MUSA-243 Intermediate Voice I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-243)

MUSA-244 Intermediate Voice II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-244)

MUSA-245 Intermediate Violin/Viola I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-245)

MUSA-246 Intermediate Violin/Viola II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-246)

MUSA-257 Intermediate Trumpet I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-257)

MUSA-258 Intermediate Trumpet II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-258)

MUSA-261 Intermediate Clarinet I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-263)

MUSA-262 Intermediate Clarinet II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-264)

MUSA-265 Intermediate Saxophone I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-265)

MUSA-266 Intermediate Saxophone II
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-266)

MUSA-269 Intermediate Percussion I
CR: 0.5 Grading Type: Letter Grade For Music and Music Education majors only. (Formerly ZMUSU-269)
MUSA-270 Intermediate Percussion II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-270.)

MUSA-271 Intermediate Guitar I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-271)

MUSA-272 Intermediate Guitar II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-272)

MUSA-273 Intermediate Flute I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-273)

MUSA-274 Intermediate Flute II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-274)

MUSA-280 Intermediate String Bass I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-280)

MUSA-282 Intermediate String Bass II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-282)

MUSA-331 Intermediate French Horn III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-332 Intermediate French Horn IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-333 Intermediate Tuba III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-334 Intermediate Tuba IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-335 Intermediate Electric Bass III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-336 Intermediate Electric Bass IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-341 Intermediate Piano III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only (Formerly ZMUSU-341)

MUSA-342 Intermediate Piano IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-342)

MUSA-343 Intermediate Voice III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-343)

MUSA-344 Intermediate Voice IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-344)

MUSA-345 Intermediate Violin III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-345)

MUSA-346 Intermediate Violin IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-346)

MUSA-347 Intermediate Jazz Piano I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-348 Intermediate Jazz Piano II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-357 Intermediate Trumpet III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-357)

MUSA-358 Intermediate Trumpet IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-358)

MUSA-363 Intermediate Clarinet III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-363)

MUSA-364 Intermediate Clarinet IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-364)

MUSA-365 Intermediate Saxophone III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-365)

MUSA-366 Intermediate Saxophone IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-366)

MUSA-369 Intermediate Percussion III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-369)

MUSA-370 Intermediate Percussion IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-370)

MUSA-371 Intermediate Guitar III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-371)

MUSA-372 Intermediate Guitar IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-372)

MUSA-373 Intermediate Flute III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-373)

MUSA-374 Intermediate Flute IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-374)

MUSA-380 Intermediate String Bass III  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-380)

MUSA-382 Intermediate String Bass IV  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-382)

MUSA-398 Junior Recital  CR: 0  Grading Type: Pass/Fail (Non-Academic)

MUSA-431 Advanced French Horn I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-432 Advanced French Horn II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-433 Advanced Tuba I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-434 Advanced Tuba II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-435 Advanced Electric Bass I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-436 Advanced Electric Bass II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only.

MUSA-441 Advanced Piano I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-441)

MUSA-442 Advanced Piano II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-442)

MUSA-443 Advanced Voice I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-443)

MUSA-444 Advanced Voice II  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-444)

MUSA-445 Advanced Violin I  CR: 0.5 Grading Type: Letter Grade  For Music and Music Education majors only. (Formerly ZMUSU-445)
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Grading Type</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>MUSA-446</td>
<td>Advanced Violin II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-446)</td>
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<tr>
<td>MUSA-447</td>
<td>Advanced Jazz Piano I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only.</td>
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<td>MUSA-448</td>
<td>Advanced Jazz Piano II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only.</td>
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<tr>
<td>MUSA-450</td>
<td>Advanced Cello II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-450)</td>
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<tr>
<td>MUSA-454</td>
<td>Advanced Trombone/Euphonium II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only.</td>
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<td>MUSA-457</td>
<td>Advanced Trumpet I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-457)</td>
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<td>MUSA-458</td>
<td>Advanced Trumpet II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-458)</td>
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<tr>
<td>MUSA-463</td>
<td>Advanced Clarinet I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-463)</td>
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<td>MUSA-464</td>
<td>Advanced Clarinet II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-464)</td>
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<td>MUSA-465</td>
<td>Advanced Saxophone I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-465)</td>
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<tr>
<td>MUSA-466</td>
<td>Advanced Saxophone II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-466)</td>
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<tr>
<td>MUSA-469</td>
<td>Advanced Percussion I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-469)</td>
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<tr>
<td>MUSA-470</td>
<td>Advanced Percussion II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-470)</td>
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<tr>
<td>MUSA-471</td>
<td>Advanced Guitar I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-471)</td>
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<td>MUSA-472</td>
<td>Advanced Guitar II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-472)</td>
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<tr>
<td>MUSA-473</td>
<td>Advanced Flute I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-473)</td>
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<td>MUSA-474</td>
<td>Advanced Flute II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-474)</td>
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<tr>
<td>MUSA-480</td>
<td>Advanced String Bass I</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-480)</td>
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<tr>
<td>MUSA-482</td>
<td>Advanced String Bass II</td>
<td>0.5</td>
<td>Letter Grade</td>
<td>For Music and Music Education majors only. (Formerly ZMUSU-482)</td>
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<tr>
<td>MUSA-498</td>
<td>Senior Recital</td>
<td>0.5</td>
<td>Grade/Pass/Fail (Non-Academic)</td>
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</table>

**MUSIC (MUSC)**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Grading Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC-101</td>
<td>Music in Western Culture</td>
<td>3</td>
<td>Letter Grade</td>
<td>A chronological survey of the development of music, its styles and characteristics, from the Middle Ages to the Baroque period. No musical background necessary. WOK: Artistic. (Formerly MUSU-101)</td>
</tr>
<tr>
<td>MUSC-103</td>
<td>Introduction to Music Theory</td>
<td>3</td>
<td>Letter Grade</td>
<td>A study in the fundamentals of music. Topics include properties of sound, music notation, elements of music, scales and intervals. This course is open to all students. Music Majors required to register for this course should note that it does not fulfill the Music Theory requirements for the degree. (Formerly MUSU-103)</td>
</tr>
<tr>
<td>MUSC-105</td>
<td>Aural Skills</td>
<td>3</td>
<td>Letter Grade</td>
<td>Designed for the 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-105)</td>
</tr>
<tr>
<td>MUSC-106</td>
<td>Aural Skills</td>
<td>3</td>
<td>Letter Grade</td>
<td>Designed for the further development of music literacy, sight-singing diatonic and chromatic melodies, executing complex reading patterns, and training the ear to hear major and minor tonalities and harmonies. Pre-Requisite: MUSC 105. (Formerly MUSU-106)</td>
</tr>
<tr>
<td>MUSC-124</td>
<td>Music in 20th Century America</td>
<td>3</td>
<td>Letter Grade</td>
<td>Surveys a broad range of exemplary models of music from the origin to the present day, including its impact on contemporary society. No music background necessary. WOK: Artistic. (Formerly MUSU-124)</td>
</tr>
<tr>
<td>MUSC-125</td>
<td>Music in 20th Century America</td>
<td>3</td>
<td>Letter Grade</td>
<td>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)</td>
</tr>
<tr>
<td>MUSC-129</td>
<td>The History of Jazz</td>
<td>3</td>
<td>Letter Grade</td>
<td>A study of this unique American art form from origin to the present day, including its impact on contemporary society. No music background necessary. WOK: Artistic. (Formerly MUSU-129)</td>
</tr>
<tr>
<td>MUSC-140</td>
<td>Critical Survey of Music in Film</td>
<td>3</td>
<td>Letter Grade</td>
<td>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 used in film making. WOK: Artistic. (Formerly MUSC-140)</td>
</tr>
<tr>
<td>MUSC-142</td>
<td>Broadway Bound</td>
<td>3</td>
<td>Letter Grade</td>
<td>Designed for the general student interested in the art, music and culture of the composer(s) and the socio-political setting of the era. WOK: Artistic. (Formerly MUSU-142)</td>
</tr>
<tr>
<td>MUSC-144</td>
<td>Creating, Recording, Marketing/Song</td>
<td>3</td>
<td>Letter Grade</td>
<td>An introductory course that prepares students for more advanced theoretical and analytical study in jazz. Topics include rhythm studies in swing and Latin music, technical studies, chord progressions, turnarounds, blues, and nodes. Students experience music through activities such as performance, composition, analysis, ear training, and listening. Pre-requisite: proficiency in music reading, private</td>
</tr>
</tbody>
</table>

**Important Notes:**
- **Credit Hours:** Courses are offered for a specified number of credit hours, typically 0.5 to 3 credits.
- **Grading Type:** Courses may be graded on a letter grade or on a Pass/Fail basis.
- **Majors/Minors:** Some courses are specifically designed for Music and/or Music Education majors.
- **Pre-Requisites:** Students are required to have completed specific courses or demonstrate certain skills before enrolling in advanced courses.
- **Audience:** Courses are tailored to students with varying levels of expertise, from beginners to advanced learners.
- **WOK:** Courses may focus on different aspects of musical knowledge, ranging from technical skills to artistic expression.

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**For More Information:**
- Contact the Professor or the Department for further details and registration information.
- Check the university’s online course catalog for the most up-to-date course offerings and requirements.
study of an instrument, and knowledge of basic theory. Permission of instructor required. (Formerly MUSU-180)

**MUSC-181 Jazz Improvisation II**
CR: 3 Grading Type: Letter Grade  An elective that continues from Jazz Improvisation I, 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: MUSU-180.

**MUSC-190 Music and Technology**
CR: 2 Grading Type: Letter Grade  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 MUSU-190)

**MUSC-201 Music Theory I**
CR: 3 Grading Type: Letter Grade  A fundamental study of music theory, including scales, intervals, basic triad formation and melodic organization. (Formerly MUSU-201)

**MUSC-202 Music Theory II**
CR: 3 Grading Type: Letter Grade  A continuation of MUSU-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: MUSU-201, or permission of the Chairperson. (Formerly MUSU-202)

**MUSC-203 Sounds of the World**
WOK: A CR: 3 Grading Type: Letter Grade  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 MUSU-203)

**MUSC-212 Keyboard Harmony**
CR: 2 Grading Type: Letter Grade  Designed to develop facility in applying principles of theory. Includes playing chord progressions, sequences, modulations and harmonizations of small forms as well as transcription, extemporization, and reading from instrumental and choral scores. Pre-Requisite: Piano Proficiency. (Formerly MUSU-212)

**MUSC-218 Basic Conducting**
CR: 2 Grading Type: Letter Grade  Explores fundamental techniques of conducting, including beat patterns, gesture, technique, and repertoire. (Formerly MUSU-218)

**MUSC-221 Western Music I/Medieval-Baroque**
Writing intensive - as of Fall 2010 CR: 3 Grading Type: Letter Grade  A chronological in-depth study of the styles, features and aspects of Medieval, Renaissance and Baroque music. Designed for the Music Major, or for the student with a strong background in music. Fulfills the Writing Intensive Core Requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly MUSU-221 - not writing intensive.)

**MUSC-222 Western Music II/Classical-21st C**
WOK: A CR: 3 Grading Type: Letter Grade  A chronological in-depth study of the styles, features and aspects of Classical, Romantic, Twentieth- and Twenty First-Century music. 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**
CR: 3 Grading Type: Letter Grade  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**
CR: 3 Grading Type: Letter Grade  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**
CR: 3 Grading Type: Letter Grade  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-Requirement: MUSC-301 or permission of the Chairperson. (Formerly MUSU-302)

**MUSC-307 Countertpoint**
CR: 3 Grading Type: Letter Grade  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 MUSC-30)

**MUSC-309 Orchestration**
CR: 3 Grading Type: Letter Grade  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**
CR: 3 Grading Type: Letter Grade  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, endings, pedal point, harmonic planning, cadences, altered harmony and modulation.

**MUSC-401 Internship in Music**
CR: 3 Grading Type: Pass/Fail  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. Includes Career Connections requirement for graduation. Co- Requisite: CARE-101. (Formerly MUSU-401 and MUSU-402)

**MUSC-490 Independent Study in Music**
CR: 3 Grading Type: Letter Grade  An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

**MUSC-498 Senior Seminar in Music**
CR: 3 Grading Type: Letter Grade  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 Faculty Advisor. Pre- Requisite: A Writing Intensive course (Formerly MUSU-498)

**MUSIC EDUCATION (MUSE)**

**MUSE-159 Choral Methods**
CR: 0.5 Grading Type: Letter Grade  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. (Formerly MSEDU-159, 1 credit)

**MUSE-161 String Methods I**
CR: 0.5 Grading Type: Letter Grade  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. (Formerly MSEDU-161)

**MUSE-162 String Methods II**
CR: 0.5 Grading Type: Letter Grade  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. Pre-Requisite: MUSE-161. (Formerly MSEDU-162)

**MUSE-163 Guitar Methods**
CR: 0.5 Grading Type: Letter Grade  Teaching methods in accompanying, reading music, history of guitar. Student aims to sing and accompany sell on guitar. Field observations included. (Formerly MSEDU-163, 1 credit)
MUSE-165 Woodwind Methods I
CR: 0.5 Grading Type: Letter Grade  Practical study of the instruments of the woodwind family: assembling, holding and maintenance; 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
CR: 0.5 Grading Type: Letter Grade  Practical study of the instruments of the woodwind family: assembling, holding and maintenance; 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
CR: 0.5 Grading Type: Letter Grade  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
CR: 0.5 Grading Type: Letter Grade  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
CR: 0.5 Grading Type: Letter Grade  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. (Formerly MSEDU-170)

MUSE-290 Music and Technology
CR: 2 Grading Type: Letter Grade  Explores software programs such as Sibelius, Sonar, and others. Students learn to write for large ensembles and produce a final multimedia project. (Formerly MSEDU-290)

MUSE-320 Music For Diverse Learners
CR: 4 Grading Type: Letter Grade  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
CR: 3 Grading Type: Letter Grade  Using newly designed National Standards for Arts Education guidelines, introduces methods and materials used in teaching music in the K-6 classroom. Topics include basic issues and trends, planning and presenting music experiences, basal music texts, and new directions in curriculum. Field observations included. (Formerly MSEDU-350)

MUSE-351 Music Ed/Middle and High School
CR: 3 Grading Type: Letter Grade  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-420 Clinical Field Exp/Student Teaching
CR: 9 Grading Type: Letter Grade  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 supervision by cooperating teacher and the college supervisor. Co-Requisite: MUSE-421. (Formerly MSEDU-352)

MUSE-421 Clinical/Student Teaching Seminar
CR: 3 Grading Type: Letter Grade  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-420. (Formerly MSEDU-353)

MUSIC LESSONS

MUSL-141 Beginning Piano I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-142 Beginning Piano II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-143 Beginning Voice I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-144 Beginning Voice II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-145 Beginning Violin I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-146 Beginning Violin II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-152 Beginning Clarinet I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-153 Beginning Clarinet II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-154 Beginning Saxophone I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-155 Beginning Saxophone II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-156 Beginning Trumpet I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-157 Beginning Trumpet II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-158 Beginning French Horn I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-159 Beginning French Horn II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-160 Beginning Baritone Horn I
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for MUSL-Private Music Lessons. Lesson time/location are arranged directly with the instructor each semester.

MUSL-161 Beginning Baritone Horn II
CR: 0.5 Grading Type: Pass/Fail  There is an additional fee per semester for private music lessons for non-music majors. Lesson time/location are arranged directly with the instructor each semester.
MUSP-241 Intermediate Piano I
CR: 0.5 Grading Type: Pass/Fail
There is an additional fee per semester for private music lessons for non-music majors. Lesson time/location are arranged directly with the instructor each semester.

MUSP-242 Intermediate Piano II
CR: 0.5 Grading Type: Pass/Fail
There is an additional fee per semester for private music lessons for non-music majors. Lesson time/location are arranged directly with the instructor each semester.

MUSIC PERFORMANCE (MUSP)

MUSP-100 Recital Performance Attendance
CR: 0.0 Grading Type: Pass/Fail (Non-Academic)

MUSP-341 A Cappella Choir Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
An a cappella group that performs during the year. Repertoire includes barbershop, contemporary, and pop style. Audition is required. Graded Pass/Fail only. Credits not applicable towards graduation. Pre-Requisite or Co-Requisite: MUSP 337. (Formerly MSAPU 140 141 to 440 441)

MUSP-351 Gospel Choir Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
Gospel style performing group open to all. Audition is required and information is available in the Music Department. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 150-151 to 450-451)

MUSP-353 Chorus Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
Performance of choral literature for mixed voices. The chorus performs at the annual Christmas Concert and other events as scheduled. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 153-154 to 453-454)

MUSP-355 Wind Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
The study and performance of instrumental music of various styles. Open to students who play brass, woodwind, or percussion instruments. Performances include Carol Night, Spring Concert, and other events as scheduled. Graded Pass/Fail only. (Credits not applicable towards graduation.) (Formerly MSAPU 155-156 to 455-456)

MUSP-357 Hill Singers Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
Choral group meets weekly to prepare repertoire for various college-related functions and the community. No previous singing experience is necessary. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 157-158 to 457-458)

MUSP-359 Jazz Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
The performance of various styles of jazz and contemporary music for various college events. Open to students who play an appropriate jazz instrument. Audition is required. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 159-160 to 459-460)

MUSP-367 Flute Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
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. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 167-168 to 467-468)

MUSP-369 Brass Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
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. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 169-170 to 469-470)

MUSP-381 Jazz Improvisation Workshop
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
Students learn and experience the performance of jazz improvisation both individually and within a larger jazz ensemble. Audition is required. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 180-181 to 480-481)

MUSP-391 Saxophone Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
Saxophone Ensemble is open to all students; however, an audition is required. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 190-191 to 490-491)

MUSP-393 String Ensemble Performance
CR: 0.5 Grading Type: Pass/Fail (Non-Academic)
String Ensemble is open to all; however, an audition is required. Graded Pass/Fail only. Credits not applicable towards graduation. (Formerly MSAPU 192-193 to 492-493)

PHYSICAL EDUCATION (PHED)

PHED-108 Body Sculpt
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Structured to build cardiovascular endurance, improve muscular strength, core strength, balance and flexibility. This interval training course utilizes weights, fitness balls, jump ropes, steppers, and mini trams to enhance the exercises. Each class starts with a warm-up, followed by an intense work-out session, and a cool down. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-108)

PHED-113 Fitness Swim
CR: 1 Grading Type: Pass/Fail (Non-Academic)
A swimming fitness course building strength and cardiovascular endurance in the water. Students keep track of number of laps completed each session, setting goals for improvement each session. The ultimate goal is to swim the English Channel (2,240 laps in the CHC pool) by the end of the semester. Students can use swim aids (belts and fins) if they chose. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-113)

PHED-115 Beginner Swim
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Introduces students to techniques which will enable them to survive in the water and skills which will enable them to pass the college swim test. 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 the college swim test at the end of the semester. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-115)

PHED-117 Karate
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Geared to beginner level karate students and based on Tae Kwon Do forms of Karate. Self defense techniques are also incorporated in this class. Each class starts with a warm-up session followed by an instructional session. At the end of the semester, students will have the option of testing for their first belt (minimal cost if opting for belt testing). Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-117)

PHED-119 Dancecise
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Structured to build cardiovascular endurance, this course is based on dance as its form of exercise. Dance offerings may vary from semester to semester. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass or Fail only. Satisfies: one credit of the PE requirement.

PHED-123 Pilates/FitBall/Yoga
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Structured to build core and body strength as well as flexibility and balance using three different exercise programs; Pilates, Fitball and Yoga. Exercises developed by Joseph Pilates are introduced/practiced for core strength and body toning. The fitness ball is used for entire body conditioning and yoga vinyasas are introduced to improve strength, flexibility and balance. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-123)

PHED-126 Lifeguarding
CR: 1 Grading Type: Pass/Fail (Non-Academic)
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. Students must be proficient in free style stroke and treading water. American Red Cross fees for certification and face mask apply. Texts may be required. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-126)

PHED-143 Racquet Sports
CR: 1 Grading Type: Pass/Fail (Non-Academic)
Tennis/Pickleball is offered in the fall so that students can utilize the outdoor tennis courts. The course introduces the fundamentals of tennis with an emphasis on cardio development. Each class consists of a warm-up followed by an instructional session. At the end of the semester, students have the option of testing for their first belt (minimal cost if opting for belt testing). Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. (Formerly PEU-143)
PHIL-108 Introduction to Philosophy
WOK: P CR: 3 Grading Type: Letter Grade
A study of various ways 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.

PHIL-109 Philosophical Thinking
WOK: P CR: 3 Grading Type: Letter Grade
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 inquiry, 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 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 artfully 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-120 19th and 20th Century Philosophers
CR: 3 Grading Type: Letter Grade
Historical development of 19th and 20th century philosophers from Kant through Hegel, Nietzsche, and Sartre, to the linguistic turn. (Formerly PHILU-120)

PHIL-124 Introduction to American Philosophy
WOK: P CR: 3 Grading Type: Letter Grade
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
WOK: P CR: 3 Grading Type: Letter Grade
An introduction to modern logical symbolism, relation between modern and traditional 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
CR: 3 Grading Type: Letter Grade
Historical development of 19th and 20th century philosophers from Kant through Hegel, Nietzsche, and Sartre, to the linguistic turn. (Formerly PHILU-201)

PHIL-203 Philosophy and Literature
CR: 3 Grading Type: Letter Grade
Using a television 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 Fies, A Streetcar Named Desire, A Long Day’s Journey into Night. (Formerly PHILU-203)

PHIL-207 History and Philosophy of Science
CR: 3 Grading Type: Letter Grade
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. (Formerly PHILU-207)

PHIL-209 History/Ancient/Medieval Phil
CR: 3 Grading Type: Letter Grade
Focuses on both the historical continuity and the dialectical tensions in the development of western thought. Content includes pre-Socratics, Socrates, Plato, Aristotle, the Stoics, the Neoplatonists, St. Augustine and his influence on later medieval thought, Thomas Aquinas and Duns Scotus. (Formerly PHILU-209)

PHIL-222 Introduction to Philosophy
WOK: P CR: 3 Grading Type: Letter Grade
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. (Formerly PHILU-112-Writing Intensive)

PHIL-224 Intro/ Ethics and the Environment
CR: 3 Grading Type: Letter Grade
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. (Formerly PHILU-112-Writing Intensive)

PHIL-315 Philosophy/Religion/Eastern World
CR: 3 Grading Type: Letter Grade
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. (Formerly PHIL-215)

PHIL-490 Independent Study in Philosophy
CR: 3 Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

PHYSICS (PHYS)

PHYS-104 Astronomy
WOK: S CR: 3 Grading Type: Letter Grade
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. Freshman may not enroll in this course if it is scheduled one day per week. Co-Requisite: PHYS-104L. WOK: Scientific. (Formerly PHYSU-104)

PHYS-104L Astronomy Lab
CR: 0 Grading Type: Letter Grade
Taken in the same semester as PHYS-104. Lab is graded as part of the lecture. Co-Requisite: PHYS-104.

PHYS-105 Physical/Earth/Space Science
WOK: S CR: 3 Grading Type: Letter Grade
Introduces students to the basics of the physical sciences including Earth Science and Astronomy. Examines how scientific knowledge in these areas is established 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.

**PHYS-105L. Physical/Earth/Space Science Lab CR: 0 Grading Type: Letter Grade** Taken in the same semester as PHYS 105. Lab is graded as part of the lecture. Co-Requisite: PHYS 105.

**PHYS-107. The Science of Music** WOK: S CR: 3 Grading Type: Letter Grade 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** WOK: S CR: 4 Grading Type: Letter Grade A calculus-based introduction to the ideas of classical physics. Topics include mechanics, wave motion and sound. WOK: Scientific. Co-Requisite: PHYS 121L. Pre-Requisites: MATH-202, or MATH-203 and MATH-204, or MATH-211 and MATH-212. (Formerly PHYS 121)

**PHYS-121L. Principles of Physics I Lab CR: 0 Grading Type: Letter Grade** Taken in the same semester as PHYS 121. Lab is graded as part of the lecture. Co-Requisite: PHYS 121L. (Formerly PHYSU-121L)


**PHYS-122L. Principles of Physics II Lab CR: 0 Grading Type: Letter Grade** Taken in the same semester as PHYS 122. Lab is graded as part of the lecture. Co-Requisite: PHYS 122L. (Formerly PHYSU-122L)

**POLITICAL SCIENCE (PSCI)**

**PSCI-101. Introduction to Political Science** WOK: B CR: 3 Grading Type: Letter Grade 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 government, and international relations. WOK: Behavioral. (Formerly PSCU-101)

**PSCI-112. American State and Local Government** WOK: B CR: 3 Grading Type: Letter Grade 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 PSCU-102 and PSCU-112)

**PSCI-113. American Political Process** WOK: B CR: 3 Grading Type: Letter Grade A basic course on the structure and functions of the American federal government. Topics for analysis include: the origins of the American Constitution, U.S. political culture, political parties and interest groups, the structure and functioning of the Congress and the Executive, and impact of the Supreme Court on public policy. WOK: Behavioral. (Formerly PSCU-103 and PSCU-113)

**PSCI-114. American Political Parties** WOK: B CR: 3 Grading Type: Letter Grade Examines political parties and pressure groups 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-114)

**PSCI-117. Principles of International Law** WOK: B CR: 3 Grading Type: Letter Grade 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-106 and PSCI-117)

**PSCI-120. The Rule of Law** WOK: B CR: 3 Grading Type: Letter Grade 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-118 and PSCI-185)

**PSCI-130. Theories of International Relations** WOK: B CR: 3 Grading Type: Letter Grade A critical examination of the major theoretical approaches of international relations, focusing on both historical and current issues in international security and international political economy. Classic concepts such as anarchy, balance of power, the security dilemma, the shadow of the future, public goods, interdependence, free trade, global finance, the global commons, and nuclear proliferation. WOK: Behavioral. (Formerly PSCI-130)

**PSCI-140. Introduction to World Politics** WOK: B CR: 3 Grading Type: Letter Grade 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** WOK: B CR: 3 Grading Type: Letter Grade 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-217. Women in Politics** WOK: B CR: 3 Grading Type: Letter Grade Examines the political, social and economic factors which condition the achievements and challenges for women in the American political system. Draws extensively from the fields of American politics, women's studies, media studies, cultural studies as well as economics. Topics include: feminism, suffrage, women as voters, women as candidates, women as politicians, women and the media, women and the legal system, women and foreign policy, and women and the military. Pre Requisite: ILAR-101 for students starting prior to Fall 2012. ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (New course Fall 2013)

**PSCI-230. Intro/Comp Politics/Gov’t Systems** WOK: B CR: 3 Grading Type: Letter Grade Examines important issues and core concepts for understanding government and politics in Britain, Russia, China, India, Nigeria, and Mexico. Class lectures and discussions are organized around the themes of markets and non-state actors; regimes types; economic development, citizen participation and social welfare. WOK: Behavioral. (Formerly PSCI-230)

**PSCI-231. Intro/Comp Politics/Nat’l Themes** WOK: B CR: 3 Grading Type: Letter Grade An introduction to the major theoretical approaches and themes of comparative politics. These themes include: state and nation formation, development and dependency, revolution, democracy and democratization, non-democratic governments, terrorism, ethnic conflict, and genocide. WOK: Behavioral.

**PSCI-232. Comparative Democracy** WOK: B CR: 3 Grading Type: Letter Grade 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: the United States, Britain, India, Japan and Israel. WOK: Behavioral. (Formerly PSCI-232)

**PSCI-240. Theories of International Relations** WOK: B CR: 3 Grading Type: Letter Grade A critical examination of the major theoretical approaches of international relations, focusing on both historical and current issues in international security and international political economy. Classic concepts such as anarchy, balance of power, the security dilemma, the shadow of the future, public goods, interdependence, free trade, global finance, the global commons, and nuclear proliferation. WOK: Behavioral. (Formerly PSCI-240)

**PSCI-241. American Foreign Policy** WOK: B CR: 3 Grading Type: Letter Grade 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
WOK: B CR: 3 Grading Type: Letter Grade
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
WOK: B CR: 3 Grading Type: Letter Grade
Topics vary by semester. Repeatable for credit. WOK: Behavioral. (Formerly PSCI-250)

PSCI-321 Political Theories: Ancient/Medieval
WOK: B CR: 3 Grading Type: Letter Grade
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
WOK: B CR: 3 Grading Type: Letter Grade
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 PSCI-312)

PSCI-330 Gov't/Policys of the Middle East
Writing Intensive WOK: B CR: 3 Grading Type: Letter Grade
Compares authoritarian, monarchial 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Behavioral. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly PSCI-330)

PSCI-341 International Political Economy
WOK: B CR: 3 Grading Type: Letter Grade
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 PSCU-241 and PSCU-341)

PSCI-401 Internship in Political Science
CR: 3 Grading Type: Pass/Fail
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. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101 Pre-Requisite: Permission of Instructor. (Formerly PSCI-401)

PSCI-481 Adv Special Topics in Political Science
WOK: B CR: 3 Grading Type: Letter Grade
Topics vary by semester. Repeatable for credit. WOK: Behavioral.

PSCI-490 Independent Study in Political Science
CR: 3 Grading Type: Letter Grade
An opportunity for students to work one-on-one with a professor to pursue advanced study in researching a political science topic. An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits. Pre-Requisite: Permission of the Instructor required.

PSCI-498 Senior Seminar in Political Science
CR: 3 Grading Type: Letter Grade
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 and 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 Faculty Advisor. Pre-Requisite: PSCI-330. (Formerly PSCI-498)

PUBLIC SPEAKING (PSPK)
PSPK-101 Fundamentals of Public Speaking
CR: 1 Grading Type: Letter Grade
Fulfills the Public Speaking Core Curriculum requirement for graduation.

PSYCHOLOGY (PSYC)
PSYC-101 General Psychology
WOK: B CR: 3 Grading Type: Letter Grade
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 PSYC-101)

PSYC-103 Psychology/Child Development
WOK: B CR: 3 Grading Type: Letter Grade
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 PSYC-103)

PSYC-109 Psychology of Women
WOK: B CR: 3 Grading Type: Letter Grade
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 PSYC-109)

PSYC-111 Industrial/Organizational Psych
WOK: B CR: 3 Grading Type: Letter Grade
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 PSYC-111)

PSYC-206 Theories of Personality
WOK: B CR: 3 Grading Type: Letter Grade
Involves a study of the major Psychodynamic, behavioral, social learning, and humanistic theories of personality. Application is incorporated through various classroom techniques and assignments. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYC-206)

PSYC-207 Intro to Cognitive Psychology
WOK: B CR: 3 Grading Type: Letter Grade
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 PSYC-207)

PSYC-210 Physiology of Behavior
WOK: B CR: 3 Grading Type: Letter Grade
Provides a basic understanding of the biology of behavior. Exposure to a variety of aspects of neuroscience including the structure, function and communication of the nervous system as well as their role in emotions, eating, learning and other behaviors. Includes principles of pharmacology and discussion of the Psychobiology of Psychological disorders. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYC-210)

PSYC-211 Sensation and Perception
WOK: B CR: 3 Grading Type: Letter Grade
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 WOK: B CR: 3 Grading Type: Letter Grade 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 WOK: P CR: 3 Grading Type: Letter Grade 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. 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 either a 1 or 2 on the Math Proficiency Test, or a grade of C or better in a qualifying course taken at CHC. (Formerly PSYC-216)

PSYC-217 Abnormal Psychology WOK: B CR: 3 Grading Type: Letter Grade 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 PSYC-217)

PSYC-223 Theory/Practice of Psych Counseling WOK: B CR: 3 Grading Type: Letter Grade 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 PSYC-223)

PSYC-230 Drugs and Behavior CR: 3 Grading Type: Letter Grade 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. WOK: Behavioral. Pre-Requisite: PSYC-101. (Formerly PSYC-230)

PSYC-235 Forensic Psychology CR: 3 Grading Type: Letter Grade Examines 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 deliberation; Psychology of victims. WOK: Behavioral. Pre-Requisite: PSYC-101.

PSYC-240 Psych of Health/Stress/Coping WOK: B CR: 3 Grading Type: Letter Grade 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 PSYC-240)

PSYC-250 Adolescence/Adulthood and Aging WOK: B CR: 3 Grading Type: Letter Grade Traces human development from early adolescence, through adulthood to death. It focuses on the cognitive, physical, social/ emotional development and changes that humans undergo throughout the mature lifespan. WOK: Behavioral. Pre-Requisite: PSYC-101.

PSYC-260 Theories of Learning CR: 3 Grading Type: Letter Grade Provides an in-depth survey of classical, instrumental, and cognitively-based theories of learning with emphasis on human and clinical applications and analysis of the research in the field. Pre-Requisite: PSYC-101.

PSYC-281 Special Topics in Psychology CR: 3 Grading Type: Letter Grade Topics vary, and include specialized topics touching on all of the areas of study in Psychology. Repeatable for credit. Pre-Requisite: PSYC-101. (Formerly PSTD-281)

PSYC-301 Group Process and Leadership CR: 3 Grading Type: Letter Grade 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 PSYC-301)

PSYC-313 Research Methods in Psychology Writing Intensive CR: 3 Grading Type: Letter Grade 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisites: PSYC-216 for all students; ILAR-101 for students starting prior to Fall 2012; ENGL-101 for students starting Fall 2012 beyond. Officially certified Core-to-Core transfer students and IDHP participants do not have an additional pre-requisite beyond PSYC-216. (Formerly PSYC-313)

PSYC-314 Research Experience CR: 3 Grading Type: Letter Grade Psychology, and highly recommended if continuing with graduate study in Psychology at the Master's and/or Doctoral level. Provides the opportunity for students to design, conduct, analyze, and report research findings in their own area(s) of interest. Research topics may be derived from any approved area in the field of Psychology, such as clinical, cognitive, developmental, experimental, organizational, and social Psychology. (Formerly PSYC-314)

PSYC-320 Psychological Measurement CR: 3 Grading Type: Letter Grade 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. Pre-Requisite: PSYC-216. (Formerly PSYC-320)

PSYC-401 Internship in Psychology CR: 3 Grading Type: Pass/Fail 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. Repeatable for credit. Includes Career Connections requirement for graduation. Co-Requisite: CARE-101. (Formerly PSYC-401 and PSYC-402)

PSYC-405 Teaching of Psychology CR: 1 Grading Type: Pass/Fail 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 PSYC-405)

PSYC-481 Advanced Special Topics in Psych CR: 3 Grading Type: Letter Grade Topics vary, and include specialized topics touching on all of the areas of study in Psychology. Repeatable for credit. Pre-Requisite: PSYC-101. (Formerly PSYC-481)

PSYC-490 Independent Study in Psychology CR: 3 Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

PSYC-498 Senior Seminar in Psychology CR: 3 Grading Type: Letter Grade 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
RLST-207 Contemporary Christian Living
CR: 3
Grading Type: Letter Grade
Examines the factors that have contributed to the factors that have contributed to the contemporary Christian milieu and its influence on 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, Sacramentalism, and Morality. Topics are investigated from the position of traditional belief and of modern scholarship. (Formerly RLSTU-207)

RLST-208 What Catholics Believe
CR: 3
Grading Type: Letter Grade
Examines 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-208)

RLST-209 Old Testament Studies
CR: 3
Grading Type: Letter Grade
Covers the basic concepts of energy and muscle function and the physiological responses to physical activity. Co-Requisite: PTCP-117. WOK: Scientific. (Formerly SCIU-117)

RLST-210 New Testament Studies
CR: 3
Grading Type: Letter Grade
Science behind sports training program design and the demands athletes and the general population face in everyday life. Co-Requisite: PTCP-118. WOK: Scientific. (Formerly SCIU-118)

RLST-211 Women in the Bible
CR: 3
Grading Type: Letter Grade
Science of Exercise
WOK: CR: 0  Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-211)

RLST-212 Fundamental Moral Theology
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-212)

RLST-213 Spirituality: A Life Journey
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-213)

RLST-214 Introduction to Social Justice
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-214)

RLST-215 Forgiveness and Reconciliation
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-215)

RLST-216 The Meaning of Death and Dying
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-216)

RLST-217 Contemporary Moral Issues
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-217)

RLST-218 Biomedical Moral Issues
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-218)

RLST-219 Old Testament Studies
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-219)

RLST-220 Marriage and Family
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-220)

RLST-221 Liturgy and the Eucharist
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-221)

RLST-222 The Meaning of Death and Dying
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-222)

RLST-223 Sacraments and Spirituality
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-223)

RLST-224 Spirituality: A Life Journey
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-224)

RLST-225 Introduction to Social Justice
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-225)

RLST-226 Marriage and Family
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-226)

RLST-227 Contemporary Moral Issues
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-227)

RLST-228 Biomedical Moral Issues
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-228)

RLST-229 Forgiveness and Reconciliation
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-229)

RLST-230 Spirituality: A Life Journey
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-230)

RLST-231 Liturgy and the Eucharist
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-231)

RLST-232 Sacraments and Spirituality
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-232)

RLST-233 Spirituality: A Life Journey
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-233)

RLST-234 Introduction to Social Justice
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-234)

RLST-235 Spirituality: A Life Journey
CR: 3
Grading Type: Letter Grade
Examines the New Testament in light of modern biblical scholarship. Attention is given to the biblical narratives in which women play a pivotal role. Using skills of modern biblical scholarship, retrieves stories of individual women and examines their roles in the text. Considers the ancient cultures that form the backdrop to biblical texts. (Formerly RLSTU-235)
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-241 Models/Mentors in Christian Trad CR: 3 Grading Type: Letter Grade A timely exploration of the lives and writings of great women and men throughout the centuries who have helped shape the Christian story. Considers feminist and other critical historical methods for retrieving and actualizing their message for today. (Formerly RLSTU 241)

RLST-242 Women in Society and Religion CR: 3 Grading Type: Letter Grade Examines the human person and the human condition from the academic disciplines of 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 CR: 3 Grading Type: Letter Grade Explores core aspects of the Christian theological tradition in light of emerging global concerns. By means of case studies, the voices of marginalized peoples of the world are highlighted for the ethical challenges in their urgent cries for justice, peacemaking, and reconciliation. Provides opportunities to reflect on the radical nature of the call to Christian discipleship. (Formerly RLSTU 244)

RLST-245 Catholic Social Tradition CR: 3 Grading Type: Letter Grade Introduces students to the wealth of Catholic Social Teaching, and helps them to see connections of the principles of CST and the broader Catholic social tradition to today's global situations.

RLST-250 Heart of the City/Religious Studies CR: 3 Grading Type: Letter Grade 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-Req: SOCJ-250. (Formerly RLSTU 250)

RLST-257 Leadership for Justice CR: 3 Grading Type: Letter Grade An exploration aimed at a more comprehensive understanding of leadership, with particular emphasis on the principles of Catholic Social Teaching. A discussion of different theories of leadership in the context of community and social issues. Preparation of students to be informed, responsible leaders at Chestnut Hill College and beyond. (New course Spring 2013)

RLST-310 Faces of Heroines/Western Religion CR: 3 Grading Type: Letter Grade Invites students to an experience of in-depth research into "heroines" from the pre-Christian Pandora to the 19th-20th century inmates of the infamous Magdalene laundries. Using both original and secondary source materials, students will read, study, discuss, and write about these women. Working with the professor, the group will endeavor to shape a proposal for publication that will be submitted to a suitable publisher. Pre-Req: Any 200-level RLST course. (New course Spring 2013)

RLST-319 Apocalyptic Literature CR: 3 Grading Type: Letter Grade Examines the genre of apocalyptic literature found in the Hebrew Scriptures, Apocalypse, and New Testament as well as in extra biblical and pseudepigraphical sources. Using tools of modern biblical scholarship, students will be able to retrieve the sociopolitical and historical implications of this literature as well as the contemporary relevance. Pre-Req: Any 200-level RLST course. (New course Spring 2013)


RLST-481 Adv Sp Topics in Religious Studies CR: 3 Grading Type: Letter Grade Provides in-depth study of selected topics in Religions Studies. Topics vary by semester. Repeatable for credit. (Formerly RLSTU-481)

RLST-490 Independent Study/Religious Studies CR: 3 Grading Type: Letter Grade An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

RUSSIAN (RUSS)

RUSS-101 Elementary Russian I CR: 3 Grading Type: Letter Grade 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 RUSU-101)

RUSS-102 Elementary Russian II CR: 3 Grading Type: Letter Grade Continues the basics of the Russian language for students with at least one semester of preparation or the equivalent. It focuses on the four skills of reading, writing, speaking, and understanding and the five National Standards for language learning. It also incorporates the ACTFL proficiency guidelines and includes audio-visual materials and internet resources. (Formerly RUSU-102)

RUSS-103 Intermediate Russian I CR: 3 Grading Type: Letter Grade Addressed to students with some knowledge of Russian. It 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. (Formerly RUSU-103)

RUSS-104 Intermediate Russian II CR: 3 Grading Type: Letter Grade Completes the basic structures of the Russian language with a focus on the cultural heritage of the Russian people. It prepares the student to enter more advanced courses, and aims for proficiency at the intermediate low or mid-level. It incorporates the National Standards for language learning, the ACTFL proficiency guidelines, and includes audio-visual materials and internet resources. (Formerly RUSU-104)

RUSS-281 Special Topics in Russian CR: 3 Grading Type: Letter Grade Topics vary by semester. Repeatable for credit. (Formerly RUSU-481)

SKILLS (SKLS)

SKLS-099 Practical Mathematics CR: 3 Grading Type: Pass/Fail (Non-Academic) A fundamental course in basic mathematical skills which includes a study of the real number system and basic concepts of algebra with an emphasis on applications. This course is an alternative to the requirements for the Mathematics Proficiency Test for students who have a documented disability in mathematics and experience severe difficulties in traditional math courses. Enrollment is based on the approval of the Chair of the Mathematics Department, Director of Student Disabilities, and the student's advisor. Credits are not applicable towards graduation. Pre-Req: By Invitation Only

SOCIOLOGY (SOCI)

SOCI-101 Introduction to Sociology WOK: B CR: 3 Grading Type: Letter Grade 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-102 Sociology Through Film WOK: B CR: 3 Grading Type: Letter Grade Examines key sociological concepts through viewing current and classic films and relating classic and contemporary readings in sociology. WOK: Behavioral. Pre-Req: SOCI-101. (Formerly SOCU-102)
SOCI-103 Social Problems
WOK: B  CR: 3  Grading Type: Letter Grade
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
WOK: B  CR: 3  Grading Type: Letter Grade
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-114 Social Gerontology
WOK: B  CR: 3  Grading Type: Letter Grade
An introduction to the physical, cognitive and psychosocial aspects of aging. Students will be introduced to aging issues by examining the demographics characteristics of this group. The course will focus on how these characteristics impact attitudes about older persons and aging, the provision of services to older adults as well as the development of aging policy issues. WOK: Behavioral. Pre-Requisite: SOCI-104.

SOCI-125 The Family
WOK: B  CR: 3  Grading Type: Letter Grade
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 courship, and the changing definitions concerning the contemporary family. WOK: Behavioral. (Formerly SOCU-125)

SOCI-126 Gender and Society
WOK: B  CR: 3  Grading Type: Letter Grade
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-127 Ethnicity
WOK: B  CR: 3  Grading Type: Letter Grade
Explores the current rise in the interest in ethnic roots within the context of the variety and experiences of America's numerous minority groups. Examines lifestyles, adaptations and problems of identity as well as assimilation, prejudice, discrimination and immigration issues. Includes global issues of ethnicity. WOK: Behavioral. (Formerly SOCU-127)

SOCI-200 World Justice and Care for Children
WOK: B  CR: 3  Grading Type: Letter Grade
A global study of human rights for children including an examination of historical and contemporary conditions, international development programs, and current social and moral issues. Cross-listed: CRJU-200. WOK: Behavioral. (Formerly SOCU-200)

SOCI-201 Social Inequality
WOK: B  CR: 3  Grading Type: Letter Grade
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. WOK: Behavioral. (Formerly SOCU-201- writing intensive)

SOCI-210 Gender and the Law
WOK: B  CR: 3  Grading Type: Letter Grade
An historical-sociological treatment of the gender issues in the American legal system. Explores the successful and sometimes failed challenges mounted by advocates in the areas of political and civil rights, domestic and reproductive issues, employment opportunities, criminal justice and education. Cross-listed: CRJU-210. WOK: Behavioral. (Formerly SOCU-210)

SOCI-216 Sociology of Health and Medicine
WOK: B  CR: 3  Grading Type: Letter Grade
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
WOK: B  CR: 3  Grading Type: Letter Grade
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
CR: 3  Grading Type: Letter Grade
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 useful in their future career, interpreter, and understand cultural change, popular culture, intercultural communications and the integrative patterning of worldview, values, and behavior that has accompanied the process of economic globalization.

SOCI-281 Special Topics in Sociology
CR: 3  Grading Type: Letter Grade
Topics vary by semester. Repeatable for credit.

SOCI-300 Sociological Theory
Writing Intensive. CR: 3  Grading Type: Letter Grade
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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012, ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly SOCU-300)

SOCI-302 Social Science Research Methods
Theory  Writing Intensive. CR: 3  Grading Type: Letter Grade
Focuses on the methods of scientific inquiry. Students are expected to build a capacity to interpret research and apply research findings to practical situations in their field of study, critically review other research, formulate and design an original scholarly research proposal, analyze and interpret data from research studies and understand the role of professional ethics in social research. Open only to Sociology, Human Services, and Criminal Justice majors. Fulfills the Writing Intensive Core Curriculum requirement for graduation. Pre-Requisite: ILAR-101 for students starting prior to Fall 2012, ENGL-101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly SOCU-302)

SOCI-401 Internship in Sociology
CR: 3  Grading Type: Pass/Fail
Internship placement in a work environment related to the student's career interests. Repeatable for credit. Graded Pass/Fail only. Repeatable for credit. Includes Career Connections requirement for graduation. Co- Requisite: CARE-101. (Formerly SOCU-401)

SOCI-481 Adv Special Topics in Sociology
CR: 3  Grading Type: Letter Grade
An in-depth investigation of a topic chosen by the instructor. Topics vary by semester. Repeatable for credit. (Formerly SOCU-481)

SOCI-490 Independent Study in Sociology
CR: 3  Grading Type: Letter Grade
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require departmental permission and approval of the Department Chairperson, and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

SOCI-498 Senior Seminar in Sociology
CR: 3  Grading Type: Letter Grade
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 Faculty Advisor. Pre-Requisites: SOCI-201 and SOCI-302. (Formerly SOCU-498)

SPANISH FOR
EDUCATORS (SPAE)

SPAE-102 Spanish for Educators I
CR: 3  Grading Type: Letter Grade
Aims to prepare future elementary and secondary educators to communicate with Hispanic students and their parents in an academic setting. It continues the basics of the Spanish
language for students with some knowledge of basic Spanish. It includes specialized vocabulary for teachers, real life use of the language in a variety of educational settings, and understanding of Hispanic culture through readings and service learning. Pre-Requisite: some knowledge of basic Spanish or permission of the Instructor. (Formerly SPAN 107)

SPAN 103 Spanish for Educators II
CR: 3 Grading Type: Letter Grade Aims to prepare future elementary and secondary educators to communicate with Hispanic students whose parents in an academic setting. It continues the basics of the Spanish language for students with at least two semesters of preparation or the equivalent. It includes specialized vocabulary for teachers, real life use of the language in a variety of educational settings, and understanding of Hispanic culture through readings and service learning. Pre-Requisite: SPAN 102, or permission of the Instructor. (Formerly SPAN 108)

SPANISH-INTENSIVE (SPAI)
SPA 102 Intensive Elementary Spanish II
CR: 4 Grading Type: Letter Grade 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 SPAN 102X)

SPANISH (SPAN)
SPAN 101 Elementary Spanish I
CR: 3 Grading Type: Letter Grade Introduction to the Spanish language for students with little or no previous experience. Essentials of pronunciation and grammar. Focuses on the five National Standards for language learning and incorporates the ACTFL proficiency guidelines. Includes audio-visual materials, computer and Internet resources. (Formerly SPAN 101)

SPAN 102 Elementary Spanish II
CR: 3 Grading Type: Letter Grade Continues the basics of the Spanish language for students with at least one semester of preparation or the equivalent. It focuses on skills: reading, writing, speaking, and understanding and the five National Standards for language learning leading to novice-level proficiency in reading, writing, speaking and understanding. It also incorporates the ACTFL proficiency guidelines and includes audio-visual materials and internet resources. (Formerly SPAN 102)

SPAN 103 Intermediate Spanish I
CR: 3 Grading Type: Letter Grade 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 SPAN 103)

SPAN 104 Intermediate Spanish II
CR: 3 Grading Type: Letter Grade This course completes the basic structures of the Spanish language and includes an introduction to Hispanic authors. It prepares the student to enter more advanced courses, and aims for proficiency at the intermediate mid level. It incorporates the National Standards for language learning, the ACTFL proficiency guidelines, and includes audio-visual materials and internet resources. (Formerly SPAN 104.)

SPAN 220 Spanish for Heritage Speakers
CR: 3 Grading Type: Letter Grade Intended 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 spelling and cultural background of heritage speakers. (Formerly SPAN 105.)

SPAN 221 Advanced Grammar/Composition
Writing Intensive: CR: 3 Grading Type: Letter Grade 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. Pre-Requisite: ILAR 101 or students starting prior to Fall 2012, ENGL 101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly SPAN 221)

SPAN 222 Advanced Conversation
CR: 3 Grading Type: Letter Grade This course is designed to develop fluency in written and spoken Spanish. The main cultural themes presented through film will provide topics for research, writing and discussion. While this course focuses on the productive skills of speaking and writing, it includes also listening and reading. Students will be exposed to music, readings, and native speakers, which together with the main text, will be used for discussion and understanding of Hispanic cultures. (Formerly SPAN 222)

SPAN 228 Commercial Spanish
CR: 3 Grading Type: Letter Grade 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 SPAN 228)

SPAN 231 Intro to Hispanic Culture
CR: 3 Grading Type: Letter Grade Examines important 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 Latin America. Includes documentaries / films, discussion, exams, oral and written reports. (Formerly SPANU 231)

SPAN 232 Intro to Hispanic Culture II/Lat Am
CR: 3 Grading Type: Letter Grade Examines important 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 SPANU 232)

SPAN 261 Masterpieces of Hispanic Lit I
Writing Intensive: WOK: L CR: 3 Grading Type: Letter Grade 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR 101 for students starting prior to Fall 2012, ENGL 101 for students starting Fall 2012 and beyond. Officially verified Core-to-Core transfer students and IDHP participants do not have a pre-requisite. (Formerly SPANU 261)

SPAN 262 Masterpieces of Hispanic Lit II
Writing Intensive: WOK: L CR: 3 Grading Type: Letter Grade 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. Fulfills the Writing Intensive Core Curriculum requirement for graduation. WOK: Literary. Pre-Requisite: ILAR 101 or IDHP 200. (Formerly SPANU 262)

SPAN 263 Masterpieces/Latin American Lit III
WOK: L CR: 3 Grading Type: Letter Grade Focuses on an in-depth study of one theme (announced at course offering) an introductory level. This course complements SPAN 261 and 262. May study representative works from the Middle Ages to the present, major developments in Hispanic literature—such as Spanish American Modernism—the concept of genre, and the analysis appropriate to genre. It includes class discussion, readings, oral and written work in Spanish. WOK: Literary. (Formerly SPANU 263)

SPAN 281 Special Topics in Spanish
CR: 3 Grading Type: Letter Grade A study of a particular period on topic in Hispanic Literature open to all qualified students. Topics vary by semester. May be repeated for credit.

SPAN 340 Colonial Latin American Literature
WOK: L CR: 3 Grading Type: Letter Grade A study of major writers, including poets, essayists, dramatists and correspondents, from the colonial period in Latin America. Special attention paid to some pre-encounter indigenous works as well as to the impact of colonization on the literature produced during the period. Authors may include, Netzacoatl, Columbus, Cortes, De las Casas, Ereila, El Inca Garcilaso de la Vega,
SPAN-341 The Spanish Golden Age  
WOK L CR: 3  Grading Type: Letter Grade  
A study of major writers, including poets, essayists, dramatists and correspondents, from the colonial period in Latin America. Special attention paid to some pre-enounter indigenous works as well as to the impact of colonization on the literature produced during the period. Authors may include: Nebrija, N. Cervantes, Luis Montero, Luis de Guevara, Sor Juana Inés de la Cruz, Sigüenza y Góngora, Fernando de Lizardi and Bello. Readings, reports and papers in Spanish. WOK: Literary. (Formerly SPANU-340)

SPAN-362 Hispanic Women Writers  
WOK L CR: 3  Grading Type: Letter Grade  
An intensive study of women writers in Hispanic literature arranged for students' interests. Authors may include, among other possibilities, Santa Teresa de Jesús, Sor Juana Inés de la Cruz, Emilia Pardo Bazán, Ana María Matute, Rosario Ferre, Isabel Allende and Carmen Martín Gaite. Readings, reports, and papers in Spanish. WOK: Literary. (Formerly SPANU-362)

SPAN-401 Internship in Spanish  
CR: 3  Grading Type: Pass/Fail  

SPAN-481 Advanced Special Topics in Spanish  
CR: 3  Grading Type: Letter Grade  
An intensive study of a particular period in Hispanic Literature open to all qualified students. Topics vary by semester. May be repeated for credit. (Formerly SPANU-481)

SPAN-490 Independent Study in Spanish  
CR: 3  Grading Type: Letter Grade  
An Independent Study provides a motivated student with the opportunity to pursue research on a topic not covered in courses offered in a given department. Independent Studies are completed with a faculty member at the discretion of the faculty member. Independent Study courses are numbered 490 and are repeatable for credit. The selected Instructor will assist with completing the Independent Study Registration Form available in the Office of the Registrar. All Independent Study courses require the permission of the Department Chairperson and the Dean of Undergraduate Studies. Independent Study courses are subject to all tuition and fee schedules. Variable from 1.0 to 3.0 credits.

SPAN-498 Senior Seminar in Spanish  
CR: 3  Grading Type: Letter Grade  
Designed to correlate the main literary trends in Hispanic literature. 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 Faculty Advisor. Pre-Requisite: A Writing Intensive course. (Formerly SPANU-498)

VARS-101 Varsity Sports/Men's Soccer  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-110)

VARS-102 Varsity Sports/Women's Tennis  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-134)

VARS-103 Varsity Sports/Men's Tennis  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-154)

VARS-104 Varsity Sports/Cross Country  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-116)

VARS-106 Varsity Sports/Women's Volleyball  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-132)

VARS-107 Varsity Sports/Women's Basketball  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-138)

VARS-108 Varsity Sports/Men's Basketball  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-141)

VARS-109 Varsity Sports/Women's Lacrosse  
CR: 1  Grading Type: Pass/Fail (Non-Academic)  
Participation on the indicated Sports Team. Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation. Course is repeatable. Graded Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-141)
Pass/Fail only. Satisfies one credit of the PE requirement. (Formerly PEU-150)

**VARS-110 Varsity Sports/Men's Lacrosse**
- CR: 1
- Grading Type: Pass/Fail (Non-Academic)
- Participation on the indicated Sports Team.
- Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation.
- Course is repeatable. Graded Pass/Fail only.
- Satisfies one credit of the PE requirement.
  (Formerly PEU-151)

**VARS-111 Varsity Sports/Women's Softball**
- CR: 1
- Grading Type: Pass/Fail (Non-Academic)
- Participation on the indicated Sports Team.
- Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation.
- Course is repeatable. Graded Pass/Fail only.
- Satisfies one credit of the PE requirement.
  (Formerly PEU-148)

**VARS-112 Varsity Sports/Men's Baseball**
- CR: 1
- Grading Type: Pass/Fail (Non-Academic)
- Participation on the indicated Sports Team.
- Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation.
- Course is repeatable. Graded Pass/Fail only.
- Satisfies one credit of the PE requirement.
  (Formerly PEU-146)

**VARS-113 Varsity Sports/Golf**
- CR: 1
- Grading Type: Pass/Fail (Non-Academic)
- Participation on the indicated Sports Team.
- Student must complete entire season to receive PE credit. Credits do not count towards the total required for graduation.
- Course is repeatable. Graded Pass/Fail only.
- Satisfies one credit of the PE requirement.
  (Formerly PEU-113)
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<td>Lisa Olivieri, SSJ, Room 170, St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
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<tr>
<td>Computer and Information Technology with Concentration in Web/Multimedia Dev</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>52</td>
<td>121</td>
<td>Lisa Olivieri, SSJ, Room 170, St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
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<tr>
<td>Computer Science</td>
<td>minor</td>
<td></td>
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<td>Barbara Lonquist, Room 203 St. Joseph Hall, 215.248-7178, <a href="mailto:lonquistb@chc.edu">lonquistb@chc.edu</a></td>
</tr>
<tr>
<td>Creative Writing</td>
<td>minor</td>
<td></td>
<td>18</td>
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<td>Sara Kitchen, Room 374 Fournier Hall, 215.248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
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<tr>
<td>Criminal Justice</td>
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<td>Bachelor of Science (BS)</td>
<td>45</td>
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<td>Sara Kitchen, Room 374 Fournier Hall, 215.248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
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<td>Sara Kitchen, Room 374 Fournier Hall, 215.248-7176, <a href="mailto:kitchens@chc.edu">kitchens@chc.edu</a></td>
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<tr>
<td>Digital Forensics</td>
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<td>Lisa Olivieri, SSJ, Room 170, St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
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<tr>
<td>Early Education (Grades PreK-4)</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>72</td>
<td>120</td>
<td>Carol Pate, 4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
</tr>
<tr>
<td>Elementary/Middle-level Education (Grades 4-8) with Concentration in English, Reading, and Language Arts</td>
<td>Major</td>
<td>Bachelor of Science (BS)</td>
<td>76.5</td>
<td>127.5</td>
<td>Carol Pate, 4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>Elementary/Middle-level Education (Grades 4-8) with Concentration in Social Studies</td>
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<td>Bachelor of Science (BS)</td>
<td>76.5</td>
<td>127.5</td>
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<tr>
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<td>Major Bachelor of Science (BS)</td>
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<td>127</td>
<td>Carol Pate</td>
<td>4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>Elementary/Middle-level Education (Grades 4-8) with Concentration in Math and Science</td>
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<td>130</td>
<td>Carol Pate</td>
<td>4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>Elementary/Middle-level Education (Grades 4-8) with Concentration in English, Reading, Language Arts and Science</td>
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<td>Carol Pate</td>
<td>4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>English Literature</td>
<td>Major Bachelor of Arts (BA)</td>
<td>39</td>
<td>120</td>
<td>Barbara Lonnquist</td>
<td>Room 203 St. Joseph Hall, 215.248-7178, <a href="mailto:lonnquistb@chc.edu">lonnquistb@chc.edu</a></td>
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<tr>
<td>English Literature</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td>Barbara Lonnquist</td>
<td>Room 203 St. Joseph Hall, 215.248-7178, <a href="mailto:lonnquistb@chc.edu">lonnquistb@chc.edu</a></td>
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<tr>
<td>English Literature and Communications</td>
<td>Major Bachelor of Arts (BA)</td>
<td>45</td>
<td>120</td>
<td>Barbara Lonnquist</td>
<td>Room 203 St. Joseph Hall, 215.248-7178, <a href="mailto:lonnquistb@chc.edu">lonnquistb@chc.edu</a></td>
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<tr>
<td>Environmental Sciences</td>
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<td>69</td>
<td>120</td>
<td>Joe Kulkosky</td>
<td>Room 522 St. Joseph Hall, 215.248-7157, <a href="mailto:Kulkoskyj@chc.edu">Kulkoskyj@chc.edu</a></td>
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<tr>
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<td>Joe Kulkosky</td>
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<tr>
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<td>121</td>
<td>Joe Kulkosky</td>
<td>Room 522 St. Joseph Hall, 215.248-7157, <a href="mailto:Kulkoskyj@chc.edu">Kulkoskyj@chc.edu</a></td>
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<tr>
<td>Forensic Chemistry</td>
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<td>120</td>
<td>Joe Kulkosky</td>
<td>Room 522 St. Joseph Hall, 215.248-7157, <a href="mailto:Kulkoskyj@chc.edu">Kulkoskyj@chc.edu</a></td>
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<tr>
<td>French</td>
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<td>42</td>
<td>120</td>
<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>French</td>
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<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>Gerontology</td>
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<td>18</td>
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<td>Nancy DeCesare</td>
<td>Room 202 St. Joseph Hall, 215.248-7028, <a href="mailto:decearen@chc.edu">decearen@chc.edu</a></td>
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<tr>
<td>History</td>
<td>Major Bachelor of Arts (BA)</td>
<td>39</td>
<td>120</td>
<td>Lorraine Coons</td>
<td>Room 377 Fournier Hall, 215.248-7184, <a href="mailto:lcoons@chc.edu">lcoons@chc.edu</a></td>
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<tr>
<td>History</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td>Lorraine Coons</td>
<td>Room 377 Fournier Hall, 215.248-7184, <a href="mailto:lcoons@chc.edu">lcoons@chc.edu</a></td>
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<tr>
<td>Human Services</td>
<td>Major Bachelor of Science (BS)</td>
<td>45</td>
<td>120</td>
<td>John Kovach</td>
<td>Room 372 Fournier Hall, 215.248-7192, <a href="mailto:kovachj@chc.edu">kovachj@chc.edu</a></td>
</tr>
<tr>
<td>Human Services</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td>John Kovach</td>
<td>Room 372 Fournier Hall, 215.248-7192, <a href="mailto:kovachj@chc.edu">kovachj@chc.edu</a></td>
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<tr>
<td>Information Management</td>
<td>Minor</td>
<td>19</td>
<td></td>
<td>Lisa Olivieri</td>
<td>Room 170 St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
</tr>
<tr>
<td>Intercultural Foundations</td>
<td>Certificate</td>
<td>18+</td>
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<td>Tia N. Pratt</td>
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</tr>
<tr>
<td>International Business</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>International Business, Language and Culture with Concentration in French, Spanish or Other Approved Language</td>
<td>Major Bachelor of Science (BS)</td>
<td>79</td>
<td>120</td>
<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>International Studies</td>
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<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>Jazz Performance</td>
<td>Minor</td>
<td>18</td>
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<td>Ed Strauman</td>
<td>Room M24 St. Joseph Hall, 215/753-3634, <a href="mailto:straumane@chc.edu">straumane@chc.edu</a></td>
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<tr>
<td>Latin</td>
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<td>Mary Helen Kashuba</td>
<td>SSJ Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>Management</td>
<td>Major Bachelor of Science (BS)</td>
<td>67</td>
<td>120</td>
<td>Garry Flower</td>
<td>Room 312 Martino Hall, 215.248-7180, <a href="mailto:flowerg@chc.edu">flowerg@chc.edu</a></td>
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<tr>
<td>Management</td>
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<td>18</td>
<td></td>
<td>Garry Flower</td>
<td>Room 312 Martino Hall, 215.248-7180, <a href="mailto:flowerg@chc.edu">flowerg@chc.edu</a></td>
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<tr>
<td>Management Information Systems</td>
<td>Minor</td>
<td>18</td>
<td></td>
<td>Lisa Olivieri</td>
<td>Room 170 St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
</tr>
<tr>
<td>Marketing</td>
<td>Major Bachelor of Science (BS)</td>
<td>67</td>
<td>120</td>
<td>Garry Flower</td>
<td>Room 312 Martino Hall, 215.248-7180, <a href="mailto:flowerg@chc.edu">flowerg@chc.edu</a></td>
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<tr>
<td>Mathematics</td>
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<td>43</td>
<td>120</td>
<td>Merilyn Ryan</td>
<td>Room 62 St. Joseph Hall, 215/753-3620, <a href="mailto:ryannm@chc.edu">ryannm@chc.edu</a></td>
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<tr>
<td>Mathematics</td>
<td>Minor</td>
<td>18</td>
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<td>Merilyn Ryan</td>
<td>Room 62 St. Joseph Hall, 215/753-3620, <a href="mailto:ryannm@chc.edu">ryannm@chc.edu</a></td>
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<tr>
<td>Mathematics and Computer Sciences</td>
<td>Major Bachelor of Science (BS)</td>
<td>45</td>
<td>120</td>
<td>Merilyn Ryan</td>
<td>Room 62 St. Joseph Hall, 215/753-3620, <a href="mailto:ryannm@chc.edu">ryannm@chc.edu</a></td>
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<tr>
<td>Molecular Biology Major</td>
<td>Bachelor</td>
<td>BS</td>
<td>65</td>
<td>Joe Kulkosky, Room 522 St. Joseph Hall, 215.248-7157, <a href="mailto:Kulkoskyj@chc.edu">Kulkoskyj@chc.edu</a></td>
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<td>Molecular Biology minor</td>
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<td>Joe Kulkosky, Room 522 St. Joseph Hall, 215.248-7157, <a href="mailto:Kulkoskyj@chc.edu">Kulkoskyj@chc.edu</a></td>
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<tr>
<td>Music (Performance) Major</td>
<td>Bachelor</td>
<td>BM</td>
<td>57</td>
<td>Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215.248-7194, <a href="mailto:kmcclosk@chc.edu">kmcclosk@chc.edu</a></td>
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<tr>
<td>Music minor</td>
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<td>Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215.248-7194, <a href="mailto:kmcclosk@chc.edu">kmcclosk@chc.edu</a></td>
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<tr>
<td>Music Education Major</td>
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<td>BS</td>
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<td>Kathleen McCloskey, SSJ, Room M27 St. Joseph Hall, 215.248-7194, <a href="mailto:kmcclosk@chc.edu">kmcclosk@chc.edu</a></td>
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<td>Peace and Justice Studies minor</td>
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<td>Marie Conn, Room 206, St. Joseph Hall, 215.248-7044, <a href="mailto:connm@chc.edu">connm@chc.edu</a></td>
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<tr>
<td>Philosophy</td>
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<td>Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, <a href="mailto:McCauleyP@chc.edu">McCauleyP@chc.edu</a></td>
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<tr>
<td>Political Science Major</td>
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<td>BA</td>
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<td>Jacqueline Reich, Room 375 Fournier Hall, 215/753-3630, <a href="mailto:reichjh@chc.edu">reichjh@chc.edu</a></td>
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<tr>
<td>Political Science minor</td>
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<td>Jacqueline Reich, Room 375 Fournier Hall, 215/753-3630, <a href="mailto:reichjh@chc.edu">reichjh@chc.edu</a></td>
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<tr>
<td>Programming minor</td>
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<td>Lisa Olivieri, SSJ, Room 170, St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
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<tr>
<td>Psychology Major</td>
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<td>BA</td>
<td>36</td>
<td>Lynn Brandsma, Room 3 St. Joseph Hall, 215.248-7049, <a href="mailto:brandsmal@chc.edu">brandsmal@chc.edu</a></td>
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<tr>
<td>Psychology minor</td>
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<tr>
<td>Religious Studies and Philosophy minor</td>
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<td>Patrick McCauley, Room 370 Fournier Hall, 215/753-3657, <a href="mailto:McCauleyP@chc.edu">McCauleyP@chc.edu</a></td>
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<tr>
<td>Religious Studies/Religious Education minor and Certificate</td>
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<tr>
<td>Secondary Education Co-major only</td>
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<td>Carol Pate, 4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>Sociology Major</td>
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<td>BS</td>
<td>30</td>
<td>John Kovach, Room 372 Fournier Hall, 215.248-7192, <a href="mailto:kvovachj@chc.edu">kvovachj@chc.edu</a></td>
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<tr>
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<td>John Kovach, Room 372 Fournier Hall, 215.248-7192, <a href="mailto:kvovachj@chc.edu">kvovachj@chc.edu</a></td>
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<tr>
<td>Spanish Major</td>
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<td>BA</td>
<td>42</td>
<td>Mary Helen Kashuba, SSJ, Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>Spanish minor</td>
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<td>Mary Helen Kashuba, SSJ, Room 25B Fournier Hall, 215.248-7124, <a href="mailto:kashubam@chc.edu">kashubam@chc.edu</a></td>
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<tr>
<td>Special Education minor</td>
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<td>Carol Pate, 4th Floor St. Joseph Hall, 215.248-7127, <a href="mailto:cmpate@chc.edu">cmpate@chc.edu</a></td>
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<tr>
<td>Web/Multimedia Design minor</td>
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<td>Lisa Olivieri, SSJ, Room 170, St. Joseph Hall, 215.248-7092, <a href="mailto:lolivieri@chc.edu">lolivieri@chc.edu</a></td>
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<tr>
<td>Women’s Studies minor</td>
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<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>
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</table>
FERPA Waiver Request

The Family Educational Rights and Privacy Act of 1974 (FERPA) obligates a college or university to maintain the confidentiality of educational records. These records include, but are not limited to, academic information such as grades, grade point averages, course schedules, and academic standing, which are maintained by the Office of the Registrar. Official transcripts will be released only upon the written authorization by the student and there is a charge for that service; unofficial transcripts are available on the My CHC Portal.

Students who wish to authorize release of their academic information to parents, guardians, spouses or any other individual may do so by signing the Waiver below and submitting it to the Office of the Registrar, 3rd Floor of St. Joseph Hall. By signing this form, the student is waiving his/her rights under the Family Education Rights and Privacy Act and is asking that grades, grade point averages, course schedules, or academic standing be released to the named person(s) indicated on the waiver. The requested information will be released to the named person(s), either by mail or in person with photo identification, when the named person makes a written request for the information. Absolutely no non-directory academic information (e.g., grades and/or grade point average) will be released by phone, fax, or email whether or not a waiver is submitted.

Directory information may be released to those requesting such information unless the student has specifically requested that the information be restricted. Directory information consists of name, addresses, telephone numbers, date and place of birth, program concentration(s) and minor(s), student activities, including athletics, dates of attendance, degrees and awards, rate of graduation, most recent previous school attended, academic awards/scholarships, number of credits (full- or part-time) for which a student is registered. If you wish to restrict the release of designated directory information, please come to the Office of the Registrar, 3rd Floor of St. Joseph Hall for assistance.

Name: ____________________________________  ID#: ____________________________

I hereby waive my rights under the Family Educational Rights and Privacy Act of 1974 (FERPA) and I grant permission for Chestnut Hill College to release academic information upon receipt of written request from the following:

1/ Name: _______________________________ Relationship: __________________________
   Telephone: ___________________________  Email: ________________________________

2/ Name: _______________________________ Relationship: __________________________
   Telephone: ___________________________  Email: ________________________________

Signature: _________________________________  Date: _____________________________

This waiver will remain in effect for the student’s entire academic career, or until rescinded in writing.

Academic information (e.g., grades and/or grade point average) will be released to any individual named above, either in person (with photo ID) if the individual meets with a College staff member, or by mail, after the individual submits a written request.
Change of Registration Form

To ADD or DROP a course or courses, please use the My CHC Portal! Use this form to Withdraw from courses and/or the College. It is strongly recommended that you discuss your plans with the Office of Financial Aid/Student Accounts before making the decision to withdraw. Withdrawing before the deadline indicated on the Academic calendar: a non-punitive grade of “W” is recorded on the transcript; the Grade Point Average (GPA) is not affected. After the deadline: a grade of “WF” is assigned and the GPA is affected.

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</thead>
</table>

To Withdraw from one or more but not all courses:

I am withdrawing from the course(s) indicated below. I have specified the course code(s) and last date I actually attended a class meeting. I have not received a Final Grade.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last Date of Attendance</th>
<th>Course Code</th>
<th>Last Date of Attendance</th>
</tr>
</thead>
</table>

To Withdraw from ALL courses in the semester indicated:

I am withdrawing from Chestnut Hill College and/or all current courses. I have not received a Final Grade. I understand that I am responsible for all outstanding debts to the College.

Please Indicate One of the Following Options:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>I plan to return to CHC. I will register/have already registered for the next semester.</td>
<td></td>
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<td></td>
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<tr>
<td>I plan to return to CHC but am requesting a Leave of Absence for</td>
<td>One semester</td>
<td>Two semesters</td>
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<td></td>
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<tr>
<td>I do not plan to return to the College.</td>
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</tbody>
</table>

Student’s Signature Date Faculty Advisor’s Signature Date

RETURN THIS FORM TO EMILY SIEGEL, DIRECTOR OF STUDENT SUCCESS/ST. JOSEPH HALL/Rm 366

YOU ARE RESPONSIBLE FOR ALL OUTSTANDING DEBTS TO THE COLLEGE!

<table>
<thead>
<tr>
<th>Dropping a Course</th>
<th>Withdrawing from a Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allowed before the semester begins and during the first week of the term, unless the course has a shortened schedule.</td>
<td>After the first week of class, unless the course has a shortened schedule, a student may Withdraw from a course.</td>
</tr>
<tr>
<td>Courses may be dropped on the My CHC Portal.</td>
<td>Signatures are required.</td>
</tr>
<tr>
<td>Course is deleted completely from the schedule and the transcript.</td>
<td>Before the deadline: a non-punitive grade of “W” is recorded on the transcript. The GPA is not affected. After the deadline: a grade of “WF” is assigned. The GPA is affected.</td>
</tr>
<tr>
<td>Decreases the number of credits for which the student is enrolled.</td>
<td>Does not have an impact on the student’s total hours of enrollment for the term, but progress toward degree completion and satisfactory academic progress are affected because the number of hours completed is reduced.</td>
</tr>
<tr>
<td>Since the course is removed from the schedule, credit hours are not used in calculation of full time status for athletics, aid, or other student related benefits.</td>
<td>Withdrawing from a course may jeopardize aid or athletic eligibility for that term or a subsequent term. Students should work with appropriate offices to get advice on the impact of a withdrawal.</td>
</tr>
</tbody>
</table>
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**College Song**

We love thee in the sunset.
We love thee in the dawn.
Thy walls to us are hallowed,
With memory of days agone.

Oh, college and teachers and we:
A loyal trinity.
Our hearts’ deep fealty
Is pledged unto thee.
Is pledged unto thee,
Our loved Chestnut Hill.

Oh, through life’s hurt or heal;
In the going of the years;
Thy Wisdom shine aloft
To banish doubts and fears.

Oh, college and teachers and we:
A loyal trinity.
Our hearts’ deep fealty
Is pledged unto thee.
Is pledged unto thee,
Our loved Chestnut Hill.

**College Seal**

The College Seal, chosen May 1928, was adapted from the ancient family coat-of-arms of Henri de Maupus, Bishop of LePuy, France, the first ecclesiastical superior of the Sisters of Saint Joseph, who canonically approved the order March 10, 1651. To the Maupas shield, a gold griffin on a scarlet background, have been added a silver carpenter’s square, a symbol of St. Joseph, and a heraldic mount to symbolize the consecration of the Congregation of the Sisters of Saint Joseph to the Most Holy Trinity. In the “chief” (upper portion) are the lilies of Our Lady and St. Joseph, and in the center, a book and a traditional heraldic emblem of a seat of learning. On its open pages is the college motto: Fides-Caritas-Scientia. The griffin is a fabulous heraldic animal, a combination of eagle and lion. In ecclesiastical heraldry, the eagle is a symbol of St. John; the lion, a symbol of St. Mark.
<table>
<thead>
<tr>
<th>Commencement Ceremony Dates</th>
</tr>
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<tbody>
<tr>
<td>June 4, 1928</td>
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<tr>
<td>June 6, 1929</td>
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<td>June 2, 1930</td>
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<td>June 1, 1931</td>
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<td>June 4, 1933</td>
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<td>June 1, 1937</td>
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