COLLEGE OF
STATEN ISLAND

The City University of New York

CURRICULUM SUPPLEMENT
2008–2009

CSI

UNDERGRADUATE CATALOG
College Calendar

This calendar is subject to change. Check the College Website at www.csi.cuny.edu/currentstudents/academiccalendars/ for the most updated information.

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 26</td>
<td>Tuesday</td>
<td>Last day to withdraw from course(s) with a 100% tuition refund.</td>
</tr>
<tr>
<td>August 27</td>
<td>Wednesday</td>
<td>First day of classes. Late Registration. Registration for senior citizens seeking a tuition waiver.</td>
</tr>
<tr>
<td>August 28-20</td>
<td>Thurs.-Fri.</td>
<td>Late Registration. Registration for senior citizens seeking a tuition waiver.</td>
</tr>
<tr>
<td>August 30-31</td>
<td>Sat.-Sun.</td>
<td>College Closed.</td>
</tr>
<tr>
<td>September 1</td>
<td>Monday</td>
<td>College Closed.</td>
</tr>
<tr>
<td>September 3</td>
<td>Wednesday</td>
<td>Last day to withdraw from course(s) in person with a 75% tuition refund. Last day to add.</td>
</tr>
<tr>
<td>September 10</td>
<td>Wednesday</td>
<td>Last day to withdraw from a course(s) with a 50% tuition refund.</td>
</tr>
<tr>
<td>September 17</td>
<td>Wednesday</td>
<td>Last day to withdraw from a course(s) with a 25% tuition refund.            Last day to withdraw from a course without a grade of W. Last day to file for Pass/Fail option.</td>
</tr>
<tr>
<td>September 29-30</td>
<td>Mon.-Tues.</td>
<td>No Classes Scheduled.</td>
</tr>
<tr>
<td>October 1</td>
<td>Wednesday</td>
<td>No Classes Scheduled.</td>
</tr>
<tr>
<td>October 8-9</td>
<td>Wed.-Thurs.</td>
<td>No Classes Scheduled.</td>
</tr>
<tr>
<td>October 13</td>
<td>Monday</td>
<td>College Closed.</td>
</tr>
<tr>
<td>October 14</td>
<td>Tuesday</td>
<td>Classes follows a Monday Schedule.</td>
</tr>
<tr>
<td>October 20</td>
<td>Monday</td>
<td>Last day to withdraw from first 7½-week NRS, BIO, or CSC or COM course(s).</td>
</tr>
<tr>
<td>October 23</td>
<td>Thursday</td>
<td>Midterm grades due.</td>
</tr>
<tr>
<td>November 3</td>
<td>Monday</td>
<td>Last day to appeal grades other than WU or FIN from spring 2008 semester. Please refer to the Undergraduate Catalog for details and procedures.</td>
</tr>
<tr>
<td>November 7</td>
<td>Friday</td>
<td>Last day to withdraw without permission of an instructor or chairperson. Financial Aid recipients who totally withdraw before this day may incur repayment liability.</td>
</tr>
<tr>
<td>December 4</td>
<td>Thursday</td>
<td>Last day to withdraw from second 7½-week NRS, BIO, or CSC or COM course(s).</td>
</tr>
<tr>
<td>December 12</td>
<td>Friday</td>
<td>Final exams for Friday classes only.</td>
</tr>
<tr>
<td>December 16</td>
<td>Tuesday</td>
<td>Last day of classes.                                                       Last day to remove incomplete grades from the spring and summer 2007 semesters.</td>
</tr>
<tr>
<td>December 31</td>
<td>Wednesday</td>
<td>College Closed.</td>
</tr>
<tr>
<td>January 1</td>
<td>Thursday</td>
<td>College Closed.</td>
</tr>
<tr>
<td>January 19</td>
<td>Monday</td>
<td>College Closed.</td>
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ADMISSIONS AND REGISTRATION (CHANGES ARE UNDERLINED)

Admission of Sex Offenders
The College reserves the right to deny admission to any student if in its judgment, the presence of that student on campus poses an undue risk to the safety or security of the College or the College community. That judgment will be based on an individualized determination taking into account any information that the College has about a student's criminal record and the particular circumstances of the College, including the presence of a childcare center, a public school, or public school students on the campus.

PROGRAMS AND FACULTY (CHANGES ARE UNDERLINED)

Department of Biology
The MS Program in Biology is coordinated by Assistant Professor Frank Burbrink. Associate Professor Elena McCoy serves as chair of the advisory committee for pre-medicine students.

Department of Computer Science
The Department offers programs leading to the Bachelor's and Master's degrees in Computer Science. The Bachelor's degree in Computer Science/Mathematics is offered jointly with the Department of Mathematics; the Bachelor's degree in Information Systems is offered jointly with the Department of Business and the department participates in the University doctoral program. Baccalaureate students majoring in other disciplines may also minor in Computer Science. The department offers an Associate's degree program in Computer Technology that provides sound career preparation as well as a solid foundation for continued study in the field. Faculty in the department participate with the Interdisciplinary Coordinating Committee for the Associate in Applied Science degree program in Electrical Engineering Technology. The program in Computer Science is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board of Engineering and Technology (ABET). Assistant Professor Anatoliy Gordonov is coordinator of the Master's degree program.

Department of Education
Education Building (3S) – South Academic Quadrangle
Kenneth Gold, Chairperson and Associate Professor

The department provides initial preparation and undergraduate programs for teaching at the Early Childhood level and in elementary and secondary schools, and graduate programs in Childhood Education, Adolescence Education, Special Education, and a Post-Master's Advanced Certificate for Leadership in Education.

The undergraduate program coordinators are: Assistant Professor Jinyoung Kim for the Undergraduate Early Childhood Program, Associate Professor Margaret Berci for the Undergraduate Childhood Education Program, and Associate Professor Liqing Tao for the Undergraduate Adolescence Education Program.

The graduate program coordinators are: Professor Igor Arievitch for the Master's degree Sequence 1 program in Education, Associate Professor Vivian Shulman for the Master's degree Sequence 2 program in Childhood Education, Assistant Professor Brian Carolan for the Master’s degree...
Sequence 1 program in Adolescence Education, Associate Professor David Kritt for the Master’s degree Sequence 2 program in Adolescence Education, Associate Professor Jed Luchow for the Master’s degree Sequence 1 and 2 programs in Special Education, and Assistant Professor Ruth Powers Silverberg for the Post-Master’s Advanced Certificate for Leadership in Education. Professor Susan Sullivan is the director of collaborative projects.

**ACADEMIC AFFAIRS/ACADEMIC SERVICES (CHANGES ARE UNDERLINED)**

Division of Academic Affairs/Academic Services
Interim Senior Vice President and Provost, Michael Kress

College Advancement
Interim Vice President for Institutional College Advancement, Robert E. Huber

**ACADEMIC POLICIES (CHANGES ARE UNDERLINED)**

Readmission:
Undergraduate students who do not register for a semester and then decide to return must file an application for readmission to qualify for a priority registration appointment. Generally, readmission is routine. Students requesting a change in curriculum or major may be subject to a review of qualifications. To qualify for early registration, application for readmission must be filed by the deadline specified in the academic calendar published in *Semester Bulletin*. Students who do not apply for readmission by the deadline may be readmitted and register during the walk-in registration dates published in the *Semester Bulletin*. Students who have been academically dismissed by the College will be readmitted only upon successful appeal to the Committee on Course and Standing.

**PROGRAMS (CHANGES ARE UNDERLINED)**

Undergraduate Degree and Certificate Programs
Modern China Studies (Certificate)

**DEGREE REQUIREMENTS (CHANGES ARE UNDERLINED)**

FOREIGN LANGUAGE AA, BA, and BS* 0-12 CREDITS
*For BS foreign language degree requirements, please refer to the specific section of the *Catalog addressing these programs.*

Demonstration of proficiency through the intermediate level, 213 or above. Students may complete this requirement by achieving a passing grade on the proficiency examination (see below), or by taking three or fewer four-credit courses through level 213 or above, depending on the results of their placement examination.

The Department of Modern Languages offers proficiency examinations in French, Italian, and Spanish. Students continuing with a language taken in high school are required to take the proficiency examination administered through the Modern Languages Media Center, 2S-114.

Other students may take the proficiency examination to receive exemption from the language requirement or to be placed at an appropriate level to fulfill the requirement. Students wishing to demonstrate proficiency at or above the 213-level in a language for which CSI does not administer an exam may take exams elsewhere. In all cases, students who pass a proficiency exam at or above the 213-level will receive an exemption only. No credit will be granted.
Students possessing a foreign high school degree from a non-English speaking country will receive an automatic exemption from the foreign language requirement, although they will receive no credit toward their degree. (Not required for BS degree program in Information Systems).

Foreign Language Courses
Demonstration of proficiency is required through the intermediate level, 213 or above. Courses are identified (foreign lang.) at the end of the course descriptions.

ASL 113 American Sign Language I
ASL 114 American Sign Language II
ASL 213 American Sign Language III
ASL 215 American Sign Language IV
CHN 113 Basic Chinese I
CHN 114 Basic Chinese II
CHN 213 Continuing Chinese
FRN 113 Basic French I
FRN 114 Basic French II
FRN 213 Continuing French I
FRN 215 Continuing French II
ITL 113 Basic Italian I
ITL 114 Basic Italian II
ITL 120 Intensive Italian I
ITL 213 Continuing Italian I
ITL 215 Continuing Italian II
ITL 220 Intensive Italian II
SPN 113 Basic Spanish I
SPN 114 Basic Spanish II
SPN 213 Continuing Spanish I
SPN 215 Continuing Spanish II

NEW UNDERGRADUATE COURSES:

ART/PHO 314 Contemporary Issues in Photography (Effective Fall 2008)
4 hours; 4 credits
This course will investigate contemporary issues in photography from aesthetic, art historical, and philosophical perspectives. It will be team-taught by an art historian and photographer. Students are strongly advised to take ART 303 prior to enrolling.
Prerequisites: ART 100 or ART 200 or ART 201 or PHO 220 and ENG 151

ENL 434 Creative Nonfiction Workshop (Effective Fall 2008)
4 hours; 4 credits
An advanced workshop in creative nonfiction. The class may focus on the outline and structure of nonfiction stories; on reporting techniques; choosing a narrative voice and strategy; and on crafting leads, overtures, and transitions. The workshop will also require substantial readings of nonfiction pieces. Texts may cover: autobiography, memoir, journals, narrative journalism, and literary essays. Class discussions of students’ long work.
Prerequisite: ENL 370

ENS 466 Telecommunications and Network Engineering (Effective Fall 2008)
2 hours lecture, 4 hours laboratory; 4 credits
Fundamentals of signals and noise; digital signal formats and modulation techniques; speech and video signals. Fiber optic, satellite, and mobile communications fundamentals; cellular telephony and mobile radio networks. Overview of telecommunication networking fundamentals focusing on access, metro, and wide area regions.
Prerequisite: ENS 221
Pre or Corequisite: ENS 331
MUS 365 Multitrack Recording (Effective Fall 2008)
3 hours; 3 credits
This course covers the technique and methodology of live sound recording. It includes the study of microphones, microphone placement, mixing consoles, signal processing, an introduction to multiple-track recording software, and the basic editing and studio procedures found in today’s recording studio.
Prerequisites: Junior standing; completion of ENG 151, COR 100, and PED 190 and an ENH 200-level course; MUS 258

NRS 325 Nursing Care at the End of Life (Effective Fall 2008)
3 hours; 3 credits
This course explores nurses’ involvement in end-of-life care. How the health care team approach can address the myriad of needs facing individuals at this time of life will be discussed. Factors involved in expert nursing care that have the potential to greatly reduce the burden and distress of those facing life’s end and the ability to offer support for the physical, psychological, cultural, social, and spiritual needs of patients and their families are presented.
Prerequisites: Enrollment in the BS curriculum of Nursing or approval of the Instructor

PHO 315 Visiting Artist Workshop (Effective Fall 2008)
4 hours; 3 credits
This course will consist of three individual workshops with fine arts photographers who will each teach a four- to five-week segment. Students will get acquainted with their work and have the opportunity to have in-depth discussions with the artists about their motivation, research, procedure, and execution processes used in creating their respective bodies of work. Students will be introduced to specific technical processes, readings, and theoretical concepts that each artist considers fundamental to his/her work process. Each workshop will conclude with a visual assignment that addresses the specific issues and techniques discussed.
Prerequisites: PHO 120 and PHO 220 or permission of the coordinator

CHANGES TO COURSES (CHANGES ARE UNDERLINED)

ACC 315 Analysis of Financial Statements
3 hours; 3 credits

COM 200 Media and Culture
An examination of interrelationships among media, cultural production, and their social, historical, political, and economic contexts. This course considers the interdisciplinary approaches of visual culture and cultural studies to understand the roles of institutions, groups, and individuals in creating and using cultural representations and engaging in cultural practices, with an emphasis on the integration of mediated cultural production into everyday life. (arts & com.)

COM 230 History of Print Media
(Also ENL 230)
4 hours; 4 credits
An introductory survey of the evolution of newspapers, periodicals, and the publishing industry, focusing on technological developments, major innovations, legal and ethical issues, and societal impact.
Prerequisites: ENG 151 and COM 150
NOTE: This course was inadvertently omitted from the 2007-2009 Undergraduate Catalog.

COM 313 Principles of Editorial Design: Integration of Writing and Graphics
NOTE: This course was incorrectly identified in the 2007-2009 Undergraduate Catalog as COM 314.

CSC 102 Computing for Today (Effective Fall 2008)
Prerequisite: An appropriate score on the Math Proficiency/Placement Test or MTH 015 or MTH 020

CSC 223 Computer Hacking Revealed
1 class hour, 3 laboratory hours; 2 credits

CSC 334 Computer System Fundamentals
Prerequisite: CSC 211

ENG 151 College Writing
This course builds on the work of ENG 111. It emphasizes expository and analytic writing and longer papers. Attention to reading, library skills, and research methods. Sections may be focuses on particular themes, to be announced in the Semester Bulletin.

ENH 215 Literature and Humanities
The treatment of major humanistic concerns in literature. The specific focus of each section will be announced in the Semester Bulletin. (literature)

ENL 370 Craft of Creative Nonfiction (Effective Fall 2008)
This course introduces students to the genre and focuses on literary aspects of nonfiction writing. The course explores elements that are specific to nonfiction as well as aspects that it shares with other literary genres. Texts may cover autobiography, memoir, journals, narrative journalism, and literary essays. Class discussions of students’ work and selected readings.
Prerequisite: ENL 265 or ENL 267

ENL 371 Craft of Fiction (Effective Fall 2008)
This course explores the literary conventions that distinguish fiction as a genre. By considering models for their own creative writing, students will learn how to employ basic narrative techniques in creating their own short fiction, the focus of which may include but not be limited to: image, voice, character, setting, and plot.
Prerequisite: ENL 267 or ENL 268

ENL 372 Craft of Poetry (Effective Fall 2008)
Students will explore the use of fundamental poetic devices through their own creative writing. The particular undertaking of employing concrete language to create image will be addressed throughout the course. Students will use assigned texts as models for the creation of original poems. Classroom critique of students’ poetry.
Prerequisite: ENL 267 or ENL 270
ENL 373 Craft of Playwriting (Effective Fall 2008)
This course provides students an introduction to the various elements of playwriting, including plot and character development, staging, and dialogue creation, as well as an opportunity to explore these elements through their own writing and the writing of others.
Prerequisite: ENL 267 or ENL 272

ENL 431 Fiction Workshop (Effective Fall 2008)
An advanced workshop, ENL 431 concerns aspects of formal technique in the writing of fiction. Building on skills acquired in ENL 371, students’ work may be directed with emphasis on narrative sequencing, pacing, character development, dialogue, shifts in point-of-view and tense, metafiction, and the many structures short and long works of fiction adhere to and reinvent.
Prerequisite: ENL 371

ENL 432 Poetry Workshop (Effective Fall 2008)
An advanced workshop, this course directs students with a particular emphasis on aspects of form. Students may write poems in free-verse and traditional forms, which may include the sonnet, the sestina, and the villanelle. Students will use assigned texts as models for the creation of original poems. The course will involve classroom critique of students’ poetry.
Prerequisite: ENL 372

ENL/LNG 396 Studies in Global Literature I
Focus on literature from outside the U.S. and Europe. The specific emphasis will vary from semester to semester and will be announced in the Semester Bulletin. (p&d)

ENL/LNG 397 Studies in Global Literature II
Focus on literature from outside the U.S. and Europe. The specific emphasis will vary from semester to semester and will be announced in the Semester Bulletin. (p&d)

ENL 399 Themes in Literature
A study of selected themes in literary works. The particular theme for the semester will be announced in the Semester Bulletin. This course may be taken more than once for credit.

ENL 435 Playwriting Workshop (Effective Fall 2008)
This course allows advanced playwriting students to develop their abilities beyond the basic skills offered in ENL 373. These abilities include the creation of more complex plots, dialogue, and characters, as well as greater expertise to critique the works of others with more depth and attention to detail.
Prerequisite: ENL 373

FNC 111 Personal Financial Management (Effective Fall 2008)
Prerequisites: ENG 151 and MTH 015 or MTH 020 or higher or equivalent score on CUNY Mathematics Assessment Test

HON 205 The Non-Western Experience: Humanities (Effective Fall 2008)
Prerequisite: Admission to the Macaulay Honors College
MTH 113 Introduction to Probability and Statistics (Effective Fall 2008)
Prerequisite: MTH 015 or MTH 020 or an appropriate score on the CUNY math proficiency/placement exam or permission of the Department of Mathematics

MTH 123 College Algebra and Trigonometry (Effective Fall 2008)
Topics in algebra, including inequalities, logarithmic, exponential, trigonometric functions, graphs and equations, inverse functions, elements of analytic geometry. Introduction to the use of graphing calculators (math).
Prerequisite: MTH 030 or an appropriate score on the CUNY math proficiency/placement exam or permission of the Department of Mathematics

MTH 130 Pre-Calculus Mathematics (Effective Fall 2008)
A functional approach to algebra and trigonometry. Selected topics such as trigonometric functions, trigonometric identities, inverse trigonometric functions, complex numbers, rational functions introduction to analytic geometry, inequalities, absolute value, theory of equations. Graphing calculators are used. (math)
Prerequisite: MTH 123 or an appropriate score on the CUNY math proficiency/placement exam or permission of the Department of Mathematics

MTH 230 Calculus I with Pre-Calculus (Effective Fall 2008)
Pre-Calculus material including functions, inverse functions, identities, theory of equations, and the binomial theorem. Material on calculus and analytic geometry corresponding to MTH 231 including limits, derivatives, rules of differentiation, trigonometric functions and their derivatives, differentiation, graph sketching, maxima/minima problems, related rates, antiderivatives, exponential and logarithmic functions. (math) Not open to students who have completed MTH 130.
Prerequisite: MTH 123 with a grade of B or better or an appropriate score on the CUNY math proficiency/placement exam or permission of the Department of Mathematics

MTH 330 Applied Mathematical Analysis I (Effective Fall 2008)
Advanced mathematics for engineering and science students. Ordinary differential equations, linear algebra, eigenvalue problems, systems of ordinary linear differential equations, Laplace transforms. Credit will not be given for both MTH 330 and MTH 334.

MUS 115 Ensemble I (Effective Fall 2008)
Small ensembles such as instrumental or vocal chamber music groups or small jazz ensembles will be formed based on personnel and repertoire available, and performance ability. Groups will rehearse and receive coaching on a weekly basis, with the goal of public performance. Pre- or corequisites: MUS 120 or MUS 125 and permission of a full-time Music faculty member

MUS 116 Ensemble II (Effective Fall 2008)
Small ensembles such as instrumental or vocal chamber music groups or small jazz ensembles will be formed based on personnel and repertoire available, and performance ability. Groups will rehearse and receive coaching on a weekly basis, with the goal of public performance. Pre- or corequisites: MUS 115 and permission of a full-time Music faculty member
MUS 125 Introduction to Music Theory (Effective Fall 2008)
2 class hours, 2 laboratory hours; 3 credits
For students who know how to read music and who expect to major in Music. Review of the rudiments of music (meters, major and minor scales, key signatures, intervals); introduction to chord construction and diatonic harmony; introduction to two-part writing; introduction to sight-singing, ear-training, and keyboard harmony; introduction to music technology. (arts & com.)

MUS 180 Performance Workshop I (Effective Fall 2008)
Prerequisites: MUS 120 or MUS 125 and audition and permission of the instructor or full-time Music faculty member
Corequisite: MUS 181

MUS 181 First-Semester Private Lessons (Effective Fall 2008)
Prerequisites: MUS 120 or MUS 125 and audition and permission of the instructor or full-time Music faculty member
Corequisite: MUS 180

MUS 190 Performance Workshop II (Effective Fall 2008)
Prerequisites: MUS 180 and MUS 181 and permission of a full-time music faculty member
Corequisite: MUS 191

MUS 215 Ensemble III (Effective Fall 2008)
Small ensembles such as instrumental or vocal chamber music groups or small jazz ensembles will be formed based on personnel and repertoire available, and performance ability. Groups will rehearse and receive coaching on a weekly basis with the goal of public performance.
Prerequisites: MUS 116 and permission of a full-time music faculty member

MUS 216 Ensemble IV (Effective Fall 2008)
Small ensembles such as instrumental or vocal chamber music groups or small jazz ensembles will be formed based on personnel and repertoire available, and performance ability. Groups will rehearse and receive coaching on a weekly basis with the goal of public performance.
Prerequisites: MUS 215 and permission of a full-time Music faculty member

MUS 223 Keyboard Musicianship I (Effective Fall 2008)
Prerequisites: MUS 125 or permission of the instructor, and MUS 123 or MUS 124 or successful completion of the piano proficiency examination.
Corequisites: MUS 225 and MUS 243

MUS 225 Music Theory I (Effective Fall 2008)
Prerequisites: MUS 125 or permission of the instructor
Corequisites: MUS 243 and MUS 223

MUS 242 Harmonic Practice in the Jazz Tradition (Effective Fall 2008)
Prerequisites: MUS 224 and MUS 226 and MUS 244; MUS 211 and MUS 212
Corequisite: MUS 239
MUS 243 Musicianship I (Effective Fall 2008)
Prerequisites: MUS 125 or permission of the instructor
Corequisites: MUS 223 and MUS 225

MUS 258 Music Technology (Effective Fall 2008)
A survey of hardware and software resources in the electronic music lab. Development of music notation skills using Desktop Music Notation; introduction to basic Audio and MIDI studio techniques; history of the electronic music medium.
Prerequisites: MUS 224 and MUS 226 and MUS 244; MUS 211 and MUS 212

MUS 270 Composition I (Effective Fall 2008)
Prerequisites: MUS 224 and MUS 226 and MUS 244; MUS 211 and MUS 212

MUS 280 Performance Workshop III (Effective Fall 2008)
Prerequisites: MUS 190 and MUS 191 and permission of a full-time Music faculty member
Corequisite: MUS 281

MUS 290 Performance Workshop IV (Effective Fall 2008)
Prerequisites: MUS 280 and MUS 281 and permission of a full-time Music faculty member
Corequisite: MUS 291

MUS 301 Improvisation (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre-or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 326 Instrumentation and Scoring (Effective Fall 2008)
Prerequisites: MUS 224 and MUS 226 and MUS 244; MUS 211 and MUS 212

MUS 338 Innovators in Jazz (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212 and MUS 239
Pre-or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 360 Twentieth-Century Directions (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre-or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 380 Performance Workshop V (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 290 and MUS 291 and permission of a full-time Music faculty member
Corequisite: MUS 381 or MUS 383

MUS 381 Fifth-Semester Private Lessons (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 291 and permission of a full-time Music faculty member
Corequisite: MUS 380
MUS 383 Junior Project (Performance) (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 291 and permission of a full-time Music faculty member
Corequisite: MUS 380 or MUS 390

MUS 390 Performance Workshop VI (Effective Fall 2008)
Prerequisites: MUS 381 or MUS 383 and MUS 380 and permission of a full-time Music faculty member
Corequisite: MUS 383 or MUS 391

MUS 393 Junior Project (Composition or Research) (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 291 and permission of a full-time Music faculty member

MUS 400 The Music of J.S. Bach (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisite: MUS 322 and MUS 323 and MUS 363

MUS 402 Major Composer I (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 403 Major Composer II (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 424 Score Analysis (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212; MUS 322 and MUS 323 and MUS 363

MUS 431 Conducting (Effective Fall 2008)
2 classroom hours; 1 laboratory hour; 2 credits
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisites: MUS 322 and MUS 323 and MUS 363

MUS 441 Composing in the Popular Idiom (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212 and MUS 239; MUS 322 and MUS 323 and MUS 363

MUS 450 History and Literature of the Symphony (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisite: MUS 322 and MUS 323 and MUS 363
MUS 460 History and Literature of Chamber Music (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisite: MUS 322 and MUS 323 and MUS 363

MUS 470 History and Literature of Opera (Effective Fall 2008)
Prerequisites: Junior standing; completion of ENG 151, COR 100, PED 190, and an ENH 200-level course; MUS 211 and MUS 212
Pre- or corequisite: MUS 322 and MUS 323 and MUS 363

MUS 480 Performance Workshop VII (Effective Fall 2008)
Prerequisites: MUS 383 or MUS 391 and MUS 390 and permission of a full-time Music faculty member
Corequisite: MUS 481 or MUS 481

MUS 490 Performance Workshop VIII (Effective Fall 2008)
Prerequisite: MUS 481 or MUS 483 and MUS 480 and permission of a full-time music faculty member
Corequisite: MUS 483 or MUS 491

NRS 421 Nursing in Critical Illness
Prerequisite: NRS 320

PHY 350 Transport Processes (Effective Fall 2008)
Prerequisites: PHY 310 and CSC 126

PHY 450 Fluid Mechanics (Effective Fall 2008)
Prerequisite: PHY 310

PSY 352 History and Systems in Psychology (Effective Fall 2008)
Prerequisites: PSY 201 and eight additional PSY credits at the 200 level or higher

PSY 335 Experimental Psychology: Child Development
Prerequisite: PSY 242 and PSY 266

SOC 260 Class, Status, and Power
Historical and comparative analysis of social classes and strata—their emergence, persistence, and change—in different types of societies. The effects of class, status, and power on the quality of life and social relations. Recent changes in class structure. (p&d) (cont. wld.)

SPN 352 Studies in Spanish American Literature and Culture I
Intensive study of selected topics in Spanish American literature and culture. The specific emphasis will vary from semester to semester and will be announced in the Semester Bulletin.
Prerequisite: SPN 313
SPN 359 Studies in Peninsular Spanish Literature and Culture I
Intensive study of selected topics in Peninsular Spanish literature and culture. The specific emphasis will vary from semester to semester and will be announced in the *Semester Bulletin.*
Prerequisite: SPN 313

SPN 452 Studies in Spanish American Literature and Culture II
Intensive study of selected topics in Spanish American literature and culture. The specific emphasis will vary from semester to semester and will be announced in the *Semester Bulletin.*
Prerequisite: SPN 313

SPN 459 Studies in Peninsular Spanish Literature and Culture II
4 hours; 4 credits
Intensive study of selected topics in Peninsular Spanish literature and culture. The specific emphasis will vary from semester to semester and will be announced in the *Semester Bulletin.*
Prerequisite: SPN 313

**CHANGES IN DEGREE REQUIREMENT (CHANGES ARE UNDERLINED)**

**BUSINESS (BS)**
Pre-Major Requirements: 35-38
MGT 110 Organizational Theory and Management 3 credits
MKT 111 Marketing 3 credits
FNC/ECO 240 Managerial Finance 3 credits
ECO 210 Price Theory 4 credits
ECO 212 Income and Employment Theory 4 credits
ACC 114 Introduction to Accounting I 4 credits
ACC 121 Introduction to Accounting II 4 credits

BUS 150 Essential Software Tools for Business 3 credits
or
CSC 102 Computing for Today 4 credits
or
BUS 250 Computers in Information Processing 3 credits

MGT/ECO 230 Introduction to Economic and Managerial Statistics 4 credits
One mathematics course chosen from:
MTH 130 Pre-Calculus Mathematics
MTH 221 Applied Finite Mathematics and Business Calculus
MTH 223 Technical Calculus
MTH 230 Calculus I with Pre-Calculus
MTH 231 Analytic Geometry and Calculus I
MTH 232 Analytic Geometry and Calculus II
MTH 236 Accelerated Calculus II (3-5 credits)
FINANCE CONCENTRATION
Finance Concentration: 30 credits
ACC 315 Analysis of Financial Statements 3 credits
FNC 111 Personal Financial Management 3 credits
FNC/ECO 213 Money and Capital Markets 4 credits
FNC/ECO 345 Managerial Finance II 4 credits
FNC 350 Advanced Corporate Finance 4 credits
FNC/ECO 360 Investment Analysis 4 credits
FNC 300/ECO 370 International Finance 4 credits
Plus one course chosen from: ECO 318, ECO 323, ECO 326 (4 credits)

INTERNATIONAL BUSINESS CONCENTRATION (Effective Fall 2008)
International Business Concentration: 26-28 credits
BUS 200 International Business 4 credits
ECO 370/FNC 300 International Finance 4 credits
Foreign Language 0-8 credits
Note: Students who are exempt from the foreign language course requirement must take additional credits from the courses listed below to complete the 26-28 credits required in the concentration.

At least one course chosen from each of the following categories:
1. Business
   MGT 410 Business Policy 4 credits
   MGT 416 Decision Making 4 credits
   MGT 425 International Management 4 credits
   MKT 415 International Marketing 4 credits
   BUS 598 Business Internship 4 credits

2. Economics/Political Science
   ECO 250 International Economics 4 credits
   ECO 256 Analysis of Underdeveloped Areas 4 credits
   ECO/GEG 252 Economic Geography 4 credits
   ECO/POL 251 International Political Economy 4 credits
   POL 260 International Politics 4 credits
   POL 261 International Organizations 4 credits

3. History
   HST 206 Modern China 4 credits
   HST 208 Modern Latin America 4 credits
   HST 209 Modern Japan 4 credits
   HST 210 Modern India 4 credits
   HST 235 Modern Middle East 4 credits
   HST 271 Modern British History 4 credits
   HST 272 Modern Germany 4 credits
   HST 284 Soviet and Contemporary Russia 4 credits
COMMUNICATIONS (BS)
Major Requirements: 45-51
Common Core: required for all concentrations: 24-25 credits
1. History and Theory of Communications (12 credits)
   COM 150 Introduction to Communications 4 credits
   COM 203 Theories of Communications 4 credits
   One of the following: 4 credits
   CIN 220 Film History
   COM 200 Media and Culture
   COM 205 Media Industries
   COM 220 History of Television and Radio
   COM 230 History of Print Media
   COM 232 History of Design and Digital Media
2. Practical and Applied (5 credits)
   COM 115 Introduction to Design and Digital Media Environments 1 credit
   COM 315 Media Analysis 4 credits
3. Internship (3-4 credits)
   COM 390 Media Internship
4. Communications Seminar (4 credits)
   COM 450 Senior Seminar
Areas of Concentrations (21-26 credits)
Communication majors must elect one of the following specializations: Media Studies, Corporate Communications, Design and Digital Media, or Journalism.
Electives: (10-35)
Total credits required: 120

II. Corporate Communications
Requirements: 22-23 credits
COM 205 Media Industries 4 credits
COM 332 History and Theory of Advertising and Public Relations 4 credits
COM 432 Corporate Communications Practices 3 credits
One of the following: 3 credits
BUS 100 Introduction to Business
MGT 110 Organizational Theory and Management
MKT 111 Marketing

One of the following: 3-4 credits
COM 251 Digital Imaging I
ENL 277 Introduction to Journalism
MKT 211 Advertising
MKT 310 Consumer Behavior

One of the following: 4 credits
COM 341 Communications Design Workshop
COM 370 Web Design: Graphics and Theory
COM 415 Media Audiences
COM 420 Global Media
COM 425 Media Regulations
COM/ENL 465 Writing for the Media
COM/ENL 475 Writing for Advertising and Public Relations

III. Design and Digital Media
Requirements: 25-26 credits
COM 250 Typography and Design 3 credits
COM 251 Digital Imaging I 3 credits
COM 370 Web Design: Graphics and Theory 4 credits

Two of the following: 7-8 credits
COM 313 Principles of Editorial Design
COM 317 Information Design
COM 341 Communications Design Workshop
COM 351 Digital Imaging II

One of the following: 4 credits
COM 320 Motion Graphics
COM 380 Web Design, Animation, and Theory
COM 451 Advanced Design and Digital Media Workshop
COM 492 Senior Project for Design and Digital Media

One of the following: 3-4 credits
ART 120 Introductory Drawing
ART 130 Introductory Painting
ART 245 Printmaking
CIN 111 Video I
COM 313 Principles of Editorial Design
COM 320 Motion Graphics
COM 332 History and Theory of Advertising and Public Relations
COM 341 Communications Design Workshop
COM 351 Digital Imaging II
COM 380 Web Design, Animation, and Theory
COM 475 Writing for Advertising and Public Relations
PHO 120 Basic Photography

**DESIGN AND DIGITAL MEDIA MINOR**
Minor requirements: 18-19 credits
COM 115 Introduction to Design and Digital Media Environments 1 credit
COM 150 Introduction to Communications 4 credits
COM 250 Typography and Design 3 credits
COM 251 Digital Imaging I 3 credits

Two of the following: 7-8 credits
COM 313 Principles of Editorial Design
COM 317 Information Design
COM 320 Motion Graphics
COM 341 Communications Design Workshop
COM 351 Digital Imaging II  
COM 370 Web Design: Graphics and theory  
COM 380 Animation Design

**COMPUTER TECHNOLOGY (AAS)**

General Education Requirements:
ENG 111, ENG 151, COR 100, PED 190: 12 credits
Whenever possible, these four courses should be completed within the first 36 credits
1. **Scientific Analysis**  
   A one-year, eight-credit sequence of laboratory science (8 credits)
2. **At least one course from two of the following groups:**  
   Social Scientific Analysis; The Contemporary World; Textual, Aesthetic, and Linguistic Analysis (7 credits)
   See section on general education requirements for approved course lists and complete details.

Pre-Core Requirement: 4 credits
CSC 126 Introduction to Computer Science 4 credits
A grade of C or above in CSC 126 is required for continuation in the program. Students will be allowed to repeat the course, if necessary.

Programming Sequence:
CSC 210 Applications Programming
or
CSC 332 Operating Systems 4 credits (to be chosen in consultation with an advisor)

CSC 211 Intermediate Programming 4 credits  
CSC 220 Computers and Programming 4 credits  
CSC/MTH 228 Discrete Mathematical Structures 4 credits  
CSC 330 Object-Oriented Software Design 4 credits  
CSC 326 Information Structures 4 credits  
MTH 229 Calculus Computer Laboratory 1 credit  
MTH 231 Analytic Geometry and Calculus I 4 credits  
Total Credits Required: 60

**COMPUTER SCIENCE (BS)**

The Computer Science program offers a full four-year curriculum in computer science that prepares students for careers as computer professionals and/or for graduate study. The major provides a broad-based background in computer science and includes courses in computer software, systems, mathematics, and computer engineering. A student, under the guidance of a computer science adviser, may also select additional courses to pursue particular interests. Students interested in transferring into the program from the two-year Computer Technology program should consult the department chairperson.

The program in Computer Science is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board of Engineering and Technology (ABET).

**Pre-major Requirements: 22-25 credits**
MTH 229 Calculus Computer Laboratory  
MTH 230 Calculus I with Pre-Calculus
MTH 232 Analytic Geometry and Calculus II
MTH 233 Analytic Geometry and Calculus II
or
MTH 229 Calculus Computer Laboratory
MTH 231 Analytic Geometry and Calculus I
MTH 232 Analytic Geometry and Calculus II
MTH 233 Analytic Geometry and Calculus II
or
MTH 229 Calculus Computer Laboratory
MTH 235 Accelerated Calculus I
MTH 236 Accelerated Calculus II (10-13 credits)
and
CSC 211 Intermediate Programming (4 credits)
CSC 220 Computers and Programming (4 credits)
Four additional credits of science courses chosen from the Scientific Analysis category list of courses that provide the foundation for further study in the sciences or chosen from courses with these scientific analysis courses as prerequisites. (4 credits)

Major Requirements: 56 credits
Students majoring in Computer Science must complete:
CSC/MTH 228 Discrete Mathematical Structures 4 credits
CSC 326 Information Structures 4 credits
CSC 330 Object-Oriented Software Design 4 credits
CSC 332 Operating Systems I 4 credits
CSC/ENS 346 Switching and Automata Theory 4 credits
CSC 347 Computer Circuits Laboratory 2 credits
CSC 382 Analysis of Algorithms 4 credits
CSC 430 Software Engineering 4 credits
CSC 446 Computer Architecture 4 credits
CSC 490 Seminar in Computer Science 2 credits
MTH 311 Probability Theory and an Introduction to Mathematical Statistics 4 credits
MTH 338 Linear Algebra 4 credits

Twelve credits from the following, at least eight credits must be taken in computer science courses:
CSC 223 Computer Hacking Revealed 2 credits
CSC 225 Introduction to Web Development and the Internet 2 credits
CSC 420 Concepts of Programming Languages 4 credits
CSC 421 Internet Data Communications and Security 4 credits
CSC 424 Database Management Systems 4 credits
CSC 432 Operating Systems II 4 credits
CSC 434 Compiler Construction 4 credits
CSC 435 Advanced Data Communications 4 credits
CSC 462/ENS 362 Microcontrollers 4 credits
CSC 470 Introductory Computer Graphics 4 credits
CSC 480 Artificial Intelligence 4 credits
CSC 482 Discrete Simulation 4 credits
CSC 484 Theory of Computation 4 credits
MTH 335 Numerical Analysis 4 credits
MTH 337 Applied Combinatorics and Graph Theory 4 credits
MTH 339 Applied Algebra 4 credits
MTH 350 Mathematical Logic 4 credits
MTH 370 Operations Research 4 credits
MTH 410 Mathematical Statistics I 4 credits
A grade of C or above in all CSC courses that are prerequisites for courses in the major requirements. Students will be allowed to repeat courses, if necessary.
Electives: 0-4 credits
Total Credits Required: 124

COMPUTER SCIENCE MINOR
Pre-Minor Requirements: 12 credits
CSC 126 Introduction to Computer Science 4 credits
CSC 220 Computers and Programming 4 credits
CSC 211 Intermediate Programming 4 credits
MTH 123 College Algebra and Trigonometry 4 credits
Minor Requirements:
Computer Science minor requirements can be met by completion of any one of the following sequences:
1. Computer Science minor sequence for students with an interest in computer engineering:
   CSC/MTH 228 Discrete Mathematical Structures 4 credits
   CSC 326 Information Structures 4 credits
   and two courses chosen from the following list: 8 credits
   CSC 332 Operating Systems I 4 credits
   CSC 435 Advanced Data Communications 4 credits
   CSC 446 Computer Architecture 4 credits
2. Computer Science minor sequence for students with an interest in applications programming:
   CSC 326 Information Structures 4 credits
   CSC 330 Object-Oriented Software Design 4 credits
   CSC 424 Database Management Systems 4 credits
   and one course chosen from the following list: 4 credits
   CSC 332 Operating Systems I 4 credits
   CSC 420 Concepts of Programming Languages 4 credits
   CSC 430 Software Engineering 4 credits
   CSC 435 Advanced Data Communications 4 credits
   CSC 470 Introductory Computer Graphics 4 credits
   CSC 480 Artificial Intelligence 4 credits

DRAMA MINOR
Pre-minor requirements: 4 credits
DRA 110 Acting
Minor requirements: 15 credits
At least 15 credits chosen from the following:
DRA 140 Theater Studies
DRA 141 Theater Production
DRA 142 Theater Production Lab I
DRA 210 Acting II
DRA 217 Voice and Diction for Performance and Communication
DRA 221 Topics on Production
DRA 272 Performance Histories (Ancient to Early Modern)
DRA 273 Performance Histories (1600-1900)
DRA 274 Performance Histories (1901-Present)
DRA 321 Directing
DRA 331 Design for the Theater
DRA 350 Theater for Social Action
DRA 352 Theater and Therapy
DRA 373 The Theatrical Imagination
DRA 375 New Performance
And one additional ENL course from the Drama BS Major Requirements. Please refer to the Undergraduate Catalog for the complete details.

ECONOMICS (BS)
Finance Specialization: 19 credits
The Finance specialization has the following requirements within the 28-32 credits required for the major:
Four credits at the 200 level:
ECO/FNC 214 Money and Banking
Eight credits in 300-level economics courses chosen from the following:
ECO/FNC 315 Monetary Theory and Policy
ECO 336 Industrial Organization
ECO/FNC 360 Investment Analysis
ECO 370/FNC 300 International Finance
ECO 387 Managerial Economics
Specialization Courses: 19 Credits
ACC 114 Accounting I 4 credits
ACC 121 Accounting II 4 credits
ECO/FNC 213 Money and Capital Market is a recommended elective.
ECO/FNC 240 Managerial Finance I 3 credits
ECO/FNC 345 Managerial Finance II 4 credits
FNC 350 Advanced Corporate Finance 4 credits

Childhood Education, Education Sequence (Effective Fall 2008)
Childhood Education
This program provides the academic course content necessary for New York State certification as a childhood teacher at the first- through sixth-grade level (1-6).
Academic Major: No Change
Education Sequence: 32 credits
Students wishing to be recommended by the College for certification must successfully complete the following sequence of childhood education courses, as well as the Science, Letters, and Society major. In addition, students are required to submit and orally present an exit program portfolio for evaluation and approval to the Education Department upon completion of the Education sequence. Students may enroll in the childhood education sequence once they have 45 total credits earned including three credits in psychology, six in the social sciences and /or philosophy, and ENG 151 (four credits). Students must have a minimum cumulative GPA average of 2.75 to be admitted to all of the childhood education courses. Students receiving a grade of C or lower in any education course must repeat the course.
EDE 200 Social Foundations of Education 4 credits
EDE 260 Psychological Foundations of Education 4 credits
EDE 301 Literacy Development and Language Acquisition in Elementary Education 4 credits
EDE 302 Social Studies, Art, Reading, and Language Arts in Elementary Education 6 credits
EDE 303 Mathematics, Science and Music In Elementary Education 6 credits
EDE 400 Student Teaching in Elementary Education 6 credits
EDE 402 Reflections and Analysis in Student Teachings in Elementary Education 2 credits

ENGINEERING SCIENCE (AS) (Effective Fall 2008)
General Education Requirements for the AS
ENG 111, ENG 151, COR 100, PED 190: 12 credits
Whenever possible, these four courses should be completed within the first 36 credits.
Core Requirements: 48 credits
ENS 100 Introduction to Engineering Science 2 credits
ENS 110 Engineering Graphics 2 credits
ENS 220 Introduction to Computer Engineering 4 credits
ENS 221 Digital Electronics Laboratory 2 credits
ENS 241 Electrical and Electronics Circuits 4 credits
ENS 249 Basic Measurement Laboratory 2 credits
ENS 250 Engineering Mechanics 3 credits
CSC 126 Introduction to Computer Science 4 credits
MTH 229 Calculus Computer Laboratory 1 credit
MTH 231 Analytic Geometry and Calculus I 3 credits*
MTH 232 Analytic Geometry and Calculus II 3 credits
MTH 233 Analytic Geometry and Calculus III 3 credits
PHY 120 General Physics I 3 credits
PHY 121 General Physics I Laboratory 1 credit
PHY 160 General Physics II 3 credits
PHY 161 General Physics II Laboratory 1 credit
*MTH 230 Calculus I with Pre-Calculus can be substituted for MTH 231 Analytic Geometry and Calculus I
The remaining seven credits should be chosen from the following courses:
ENS 310 Thermodynamics 4 credits
ENS 331 Digital Signal Processing 4 credits
ENS 362 Microprocessors 4 credits
CHM 141 General Chemistry I 3 credits
CHM 121 General Chemistry I Laboratory 1 credit
ECO 285 Economics for Engineers 4 credits
MTH 330 Applied Mathematical Analysis I 4 credits
MTH 311 Probability and an Introduction to Mathematical Statistics 4 credits
PHY 240 Waves and Modern Physics 3 credits
Total Credits Required: 60

ENGINEERING SCIENCE (BS)
Major Requirements: 61 credits
MTH 330 Applied Mathematical Analysis I 4 credits
MTH 311 Probability and an Introduction to Mathematical Statistics 4 credits
or
MTH 331 Applied Mathematical Analysis II 4 credits
ENS 310 Thermodynamics 4 credits
ENS 336 Computer-Aided Engineering 4 credits

ENS 331 Digital Signal Processing
or
ENS 450 Fluid Mechanics 4 credits

ENS 362/CSC 462 Microcontrollers 4 credits
CSC 326 Information Structures 4 credits
or
ENS 420 Analog and Digital Systems Design
or
ENS 380 Mechanics of Solids 4 credits

CSC 332 Operating Systems I 4 credits
or
ENS 356 Theory of Electromagnetic Radiation 4 credits
or
ENS 316 Dynamics 4 credits

ENS 439 Systems Laboratory
or
ENS 459 Applied Mechanics Laboratory 2 credits

ENS 471 Control Systems 4 credits
ENS 485 Properties of Materials 4 credits
ENS 491 Advanced Engineering Design I 2 credits
ENS 492 Advanced Engineering Design II 2 credits
PHY 240 Waves and Modern Physics 3 credits
Four credits of technical electives approved by an Engineering Science Advisor 4 credits
At least eight credits of advanced ENS electives 8 credits
The total number of ENS credits must be at least 57, as approved by an Engineering Science Advisor.

**ENGLISH BA – LINGUISTIC CONCENTRATION**

Linguistic Concentration (40 credits):
Linguistics Courses (20 credits)
Linguistics courses may be selected from the following:
ENH 230 Introduction to Language
ENL 222 English Phonetics and Phonology
ENL 422 Introduction to Linguistics
ENL 423 Modern English Grammar
ENL 424 Language Change
ENL 425 History of the English Language
ENL 426 Language Acquisition and Psycholinguistics
ENL 427 Sociology of Language
Three required Literature Courses (12 credits):
1. ENH 218 Introduction to the Study of Literature
2. ENL 365 World Literature in Contexts
3. ENL 376 British and American Literary Traditions
Remaining Courses (8 credits):*
These eight credits may be linguistics, literature (ENH, ENL), or writing courses (ENL) or ENL 302 (Oral Interpretation of Literature).
*English majors in the Adolescence Education sequence are required to take ENL 323 (Coming of Age in Literature) and either ENH 230 (Introduction to Language) or ENL 422 (Introduction to Linguistics).

HISTORY (BA) (Effective Fall 2008)
Honors:
To graduate with Honors in the History major, a student must have a minimum of a 3.5 grade point average in courses in the major and a 3.0 cumulative grade point average. In addition, a student must complete either HSS 594: Independent Study Honors in History or a Divisional Honors Seminar. Finally, a student must complete an Honors thesis under the supervision of a History faculty member who will oversee and approve each step of the thesis process. The research paper submitted as the thesis need not be a new work; it may be a substantial revision or extension of a paper previously submitted in a course at CSI. Students must submit a one- to two-page thesis proposal to their advisor stating the scope of research or revisions as well as questions and new source materials to be addressed. The 20-30 page thesis should demonstrate a superior command of the historical topic and evidence of rigorous critical thinking. The thesis must be approved by the faculty advisor and a second reader appointed by the coordinator of Honors in History.

INFORMATION SYSTEMS (BS)
Major Requirements: 61 credits
ACC 250 Accounting Information Systems 4 credits

BUS 205 Data Communications and Networks for Business
or
CSC 435 Advanced Data Communications 4 credits

COM/BUS 211 Principles of Corporate Communication 3 credits
BUS 230/ECO 231 Quantitative Analysis of Business and Economic Problems 3 credits
BUS/PHL 238 Ethical Issues in Business and Society 4 credits
BUS 334 Decision Support Systems 4 credits
BUS 352 Introduction to System Analysis 4 credits
BUS/CSC 405 Applied Concepts in Information Systems 4 credits
CSC 210 Applications Programming 4 credits
CSC 211 Intermediate Programming 4 credits
CSC 326 Information Structures 4 credits
CSC 334 Computer System Fundamentals 4 credits
ECO 210 Price Theory 4 credits
ECO/MGT 230 Introduction to Managerial and Economic Statistics 4 credits
ECO/FNC 240 Managerial Finance I 3 credits
One additional course chosen from the following: 4 credits
CSC 330 Object-Oriented Software Engineering
CSC 332 Operating Systems
CSC 424 Database Management Systems
CSC 435 Advanced Data Communications
CSC 470 Introductory Computer Graphics
CSC 482 Discrete Simulation
MGT 320 Management of Organizational Behavior
MGT 410 Business Policy
MGT 416 Decision Making in Business

MACAULAY HONORS COLLEGE AT CSI
Macaulay Honors College Requirements:
General Education BA (Performing and Creative Arts, Business, Communications, and Information Systems)
4 Honors College Seminars (HON 121, 122, 223, and 224)
2 CSI Honors Humanities Seminar (HON 205 and HON 206)
2 Consecutive Semesters of Honors Science
1 Semester of Honors Math
1 Semester of Honors College Writing (ENGH 151)
Study Abroad or Internship
30 Hours of Community Service
Honors in the Major where available (If Honors in the Major is not available, students must complete an Honors project or an Honors thesis).
PED 190 Fitness for Life
3 Semesters (or placement/exemption) of a second language
Scientific Analysis 11 credits (Fulfilled by Honors Science and Math Requirements)
Social Scientific Analysis 7-8 credits (3-4 at the 100-level and at least one course at the 200-level). (HON 224 fulfills 4 credits of this requirement). Must complete an additional 3-4 credits.
The Contemporary World 4 credits (Fulfilled by HON 206)
Textual, Aesthetic, and Linguistic Analysis 6-8 credits (3-4 credits must be a 200 level English and 2-4 credits must be a 100/200-level arts or communications course). (HON 205 fulfills the English requirement). Must complete a 2-4 credit 100/200-level arts or communication courses.
Pluralism and Diversity 0-4 credits (Fulfilled by HON 205 and HON 122)
For Major and Pre-Major Requirements please refer to the section of the Catalog that corresponds to your specific major(s).

General Education BS (Except Performing and Creative Arts, Business, Communications, and Information Systems)
4 Honors College Seminars (HON 121, 122, 223, and 224)
1 CSI Honors Humanities Seminar (HON 205 or HON 206)
4 Semesters of Honors Science (two consecutive semesters must be from the list of Honors Sciences and two more semesters from the approved list or two semesters of courses having BIO 180, CHM 142, or PHY 160 as a prerequisite)
2 Semesters of Honors Math
1 Semester of Honors College Writing (ENGH 151)
Study Abroad or Internship
30 Hours of Community Service
Honors in the Major where available (If Honors in the Major is not available, students must complete an honors project or an honors thesis).

PED 190 Fitness for Life
Scientific Analysis 11 credits (Fulfilled by Honors Science and Math Requirements)
Social Scientific Analysis 3-4 credits (Fulfilled by HON 224)
The Contemporary World 4 credits (Could be fulfilled by HON 206, if 206 is selected. Students must complete requirement if HON 206 is not selected).
Textual, Aesthetic, and Linguistic Analysis 3-4 credits (Could be fulfilled by HON 205, if HON 205 is selected. Students must complete requirement if HON 205 is not selected).
Pluralism and Diversity 0-4 credits (Fulfilled by HON 122 and HON 205)

For Major and Pre-Major Requirements please refer to the section of the Catalog that corresponds to your specific major(s).

MUSIC (BA) (Effective Fall 2008)
General Education Requirements for the BA and BS
ENG 111, ENG 151, COR 100, PED 190: 12 credits
Whenever possible, these four courses should be completed within the first 36 credits. They must be completed in order to register for any music classes at the 300-level and above.
Scientific Analysis: Social Scientific Analysis: The Contemporary World; Textual, Aesthetic, and Linguistic Analysis; Pluralism and Diversity requirements: 48-47 credits

1. Scientific Analysis: (11 credits)
   a. Science and Technology: (8 credits)
   b. Mathematics: (3 credits)
2. Social Scientific Analysis: (7-8 credits)
3. The Contemporary World: (4 credits)
4. Textual, Aesthetic, and Linguistic Analysis: (6-8 credits)
   a. Literature: 200-level
   b. Arts and Communications: 100-level
      Arts and Communications: 200-level
5. Pluralism and Diversity Requirement: (0-4 credits)
6. Foreign Language: (0-12 credits)

In addition to ENG 111, ENG 151, COR 100, and PED190, students must complete an ENH 200-level course in order to register for any music courses at the 300-level and above.
Please refer to the section in the Undergraduate Catalog on general education requirements for approved course lists and complete details.

Pre-Major requirements: 3-5 credits
MUS 125 Introduction to Music Theory 3 credits
Students who intend to major in Music should complete MUS 125 in the spring semester of their first year at CSI.
MUS 123 0-1 credit
MUS 124 0-1 credit
All Music majors must demonstrate elementary proficiency at the piano. Passing the piano proficiency examination is a requirement for graduation and must be accomplished before a graduation form will be signed. Students entering CSI with limited keyboard background may take MUS 123-124 (Piano I and II) as pre-major credit or private lessons in piano at their own expense.
Major Requirements (44-45 credits)
Students must earn a grade of B in MUS 120 or MUS 125 and make progress toward satisfying the piano proficiency requirement before registering for the Music major sequence, which typically begins in the second year. The standard sequence of courses is MUS 223/MUS 225/MUS 243, taken in the fall semester, and MUS 224/MUS 226/MUS 244, taken in the spring semester. Music majors should request an advisor from the full-time Music faculty.

Core courses (35 credits)
- MUS 211 History of Western Music I 4 credits
- MUS 212 History of Western Music II 4 credits
- MUS 223 Keyboard Musicianship I 1 credit
- MUS 224 Keyboard Musicianship II 1 credit
- MUS 225 Music Theory I 3 credits
- MUS 226 Music Theory II 3 credits
- MUS 239 History of Jazz 3 credits
- MUS 243 Musicianship I 1 credit
- MUS 244 Musicianship II 1 credit
- MUS 322 Counterpoint 3 credits
- MUS 323 Keyboard Musicianship III 1 credit
- MUS 325 Keyboard Musicianship IV 1 credit
- MUS 326 Instrumentation and Scoring 2 credits
- MUS 363 Musicianship III 1 credit
- MUS 364 Musicianship IV 1 credit
- MUS 424 Score Analysis 3 credits
- MUS 431 Conducting 2 credits

Advanced Music History Requirement (3-4 credits)
One course from the following list:
- MUS 236 Music in American Life 4 credits
- MUS 338 Innovators in Jazz 3 credits
- MUS 360 Twentieth-Century Directions 3 credits
- MUS 400 The Music of J. S. Bach 3 credits
- MUS 402 Major Composer I 3 credits
- MUS 403 Major Composer II 3 credits
- MUS 450 History and Literature of the Symphony 3 credits
- MUS 460 History and Literature of Chamber Music 3 credits
- MUS 470 History and Literature of Opera 3 credits

Advanced Studies in Music Theory, Composition, and Technology (2-3 credits)
One course from the following list:
- MUS 242 Harmonic Practice in the Jazz Tradition 2 credits
- MUS 258 Music Technology 2 credits
- MUS 270 Composition I 2 credits
- MUS 301 Improvisation 3 credits
- MUS 340 Arranging for Jazz Ensemble 2 credits
- MUS 370 Composition II 2 credits
- MUS 365 Multitrack Recording 3 credits
- MUS 393 Junior Project (Composition or Research) 3 credits
- MUS 430 Orchestration 2 credits
MUS 441 Composing in the Popular Idiom 2 credits
MUS 493 Senior Project (Composition or Research) 3 credits

Ensemble Requirement (4 credits)
Four courses from the following list:
MUS 115 Ensemble I 1 credit
MUS 116 Ensemble II 1 credit
MUS 130 Guitar Ensemble I 1 credit
MUS 131 Guitar Ensemble II 1 credit
MUS 144 Jazz Ensemble I 1 credit
MUS 145 Jazz Ensemble II 1 credit
MUS 150 Chorus I 1 credit
MUS 151 Chorus II 1 credit
MUS 164 Orchestra I 1 credit
MUS 165 Orchestra II 1 credit
MUS 215 Ensemble III 1 credit
MUS 216 Ensemble IV 1 credit
MUS 233 Guitar Ensemble III 1 credit
MUS 234 Guitar Ensemble IV 1 credit
MUS 246 Jazz Ensemble III 1 credit
MUS 247 Jazz Ensemble IV 1 credit
MUS 250 Chorus III 1 credit
MUS 251 Chorus IV 1 credit
MUS 264 Orchestra III 1 credit
MUS 265 Orchestra IV 1 credit
Electives: 11-36 credits
Total Credits Required: 120

Enrollment in Chamber Music and Other Small Ensembles
The College funds enrollment in chamber music and other small ensembles for a limited number of qualified Music majors. Students who are pursuing a major in Music and who are making appropriate progress toward fulfilling the degree requirements are eligible for enrollment in College-funded private instruction for credit. Admission into small ensembles is determined by audition, which must take place prior to registration in MUS 115. Students enrolled in private lessons must maintain a 2.75 cumulative average in academic music classes (theory, history, and musicianship). For each semester of private lessons, the student must be enrolled in at least six credits of music classes. (Some flexibility is possible for first- and last-semester students.) Students may receive credit for a maximum of eight semesters of private lessons. These courses (MUS 115, MUS 116, MUS 215, MUS 216) are non-liberal arts and sciences courses and should be taken in sequence. MUS 216 may be repeated for credit. Students who are enrolled in College-funded small ensembles must satisfy the following criteria in order to remain eligible on a semester-by-semester basis: a) rehearse with the ensemble at least six hours per week; b) receive a grade of B in the juried examination that takes place at the end of each semester; c) maintain full-time enrollment status at CSI (12 credits or more for each semester of lessons); d) make satisfactory progress toward completing the Music degree.

Junior and Senior Project Courses
Courses numbered MUS 383, MUS 393, MUS 483, and MUS 493 are project courses. They are
available to Music majors who wish to perform a full-length public recital, write a large-scale composition, or complete a research project in music theory or music history of significant scope and length. A full-time Music faculty member and/or applied Music instructor must supervise any of these endeavors. At the request of the student, when the grade point average warrants the appellation, these courses may be designated as Junior Honors Project or Senior Honors Project. Juniors who hope to enroll in either MUS 383 or MUS 393 must have completed at least 25 credits of the general education requirement, including ENG 151, COR 100, and PED 190.

MUSIC (BS) (Effective Fall 2008)
General Education Requirements for the BA and BS
ENG 111, ENG 151, COR 100, PED 190: 12 credits
Whenever possible, these four courses should be completed within the first 36 credits. They must be completed in order to register for any music classes at the 300-level and above.
Scientific Analysis: Social Scientific Analysis: The Contemporary World; Textual, Aesthetic, and Linguistic Analysis; Pluralism and Diversity requirements: 48-47 credits
1. Scientific Analysis: (11 credits)
   a. Science and Technology: (8 credits)
   b. Mathematics: (3 credits)
2. Social Scientific Analysis: (7-8 credits)
3. The Contemporary World: (4 credits)
4. Textual, Aesthetic, and Linguistic Analysis: (6-8 credits)
   a. Literature: 200-level
   b. Arts and Communications: 100-level
      Arts and Communications: 200-level
5. Pluralism and Diversity Requirement: (0-4 credits)
6. Foreign Language: (0-12 credits)
In addition to ENG 111, ENG 151, COR 100, and PED 190, students must complete an ENH 200-level course in order to register for any music courses at the 300-level and above.
Please refer to the section in the Undergraduate Catalog on general education requirements for approved course lists and complete details.

Pre-Major requirements: 3-5 credits
MUS 125 Introduction to Music Theory 3 credits
Students who intend to major in Music should complete MUS 125 in the spring semester of their first year at CSI.
MUS 123 0-1 credit
MUS 124 0-1 credit
All Music majors must demonstrate elementary proficiency at the piano. Passing the piano proficiency examination is a requirement for graduation and must be accomplished before a graduation form will be signed. Students entering CSI with limited keyboard background may take MUS 123-124 (Piano I and II) as pre-major credit or private lessons in piano at their own expense.

Major Requirements: (62-65 credits)
Students must earn a grade of B in MUS 120 or MUS 125 and make progress toward completing the piano proficiency requirement before registering for the Music major sequence, which begins in the second year. The standard sequence of courses is MUS 223/MUS 225/MUS 243, taken in the fall semester, and MUS 224/MUS 226/MUS 244, taken in the spring semester. Music majors should require an advisor from the full-time Music faculty.
Core courses (46 credits)
MUS 180 Performance Workshop I 1 credit
MUS 181 First-Semester Private Lessons 1 credit
MUS 190 Performance Workshop II 1 credit
MUS 191 Second-Semester Private Lessons 1 credit
MUS 211 History of Western Music I 4 credits
MUS 212 History of Western Music II 4 credits
MUS 223 Keyboard Musicianship I 1 credit
MUS 224 Keyboard Musicianship II 1 credit
MUS 225 Music Theory I 3 credits
MUS 226 Music Theory II 3 credits
MUS 239 History of Jazz 3 credits
MUS 242 Harmonic Practice in the Jazz Tradition 3 credits
MUS 243 Musicianship I 1 credit
MUS 244 Musicianship II 1 credit
MUS 280 Performance Workshop III 1 credit
MUS 281 Third-Semester Private Lessons 1 credit
MUS 290 Performance Workshop IV 1 credit
MUS 291 Fourth-Semester Private Lessons 1 credit
MUS 322 Counterpoint 3 credits
MUS 323 Keyboard Musicianship III 1 credit
MUS 325 Keyboard Musicianship IV 1 credit
MUS 326 Instrumentation and Scoring 2 credits
MUS 363 Musicianship III 1 credit
MUS 364 Musicianship IV 1 credit
MUS 424 Score Analysis 3 credits
MUS 431 Conducting 2 credits

Advanced Studies in Music History, Theory, Composition, Technology, and Performance (five courses, 12-16 credits).
Courses should be chosen in consultation with an advisor. At least two courses (6-7 credits) must be chosen from among the following: MUS 236, MUS 338, MUS 360, MUS 400, MUS 402, MUS 403, MUS 450, MUS 460, MUS 470

Advanced Music History
MUS 236 Music in American Life 4 credits
MUS 338 Innovators in Jazz 3 credits
MUS 360 Twentieth-Century Directions 3 credits
MUS 393 Junior Project (Composition or Research) 3 credits
MUS 400 The Music of J. S. Bach 3 credits
MUS 402 Major Composer I 3 credits
MUS 403 Major Composer II 3 credits
MUS 450 History and Literature of the Symphony 3 credits
MUS 460 History and Literature of Chamber Music 3 credits
MUS 470 History and Literature of Opera 3 credits
MUS 493 Senior Project (Composition or Research) 3 credits
Advanced Studies in Music Theory, Composition, and Technology
MUS 258 Music Technology 2 credits
MUS 270 Composition I 2 credits
MUS 301 Improvisation 3 credits
MUS 340 Arranging for Jazz Ensemble 2 credits
MUS 365 Multitrack Recording 3 credits
MUS 370 Composition II 2 credits
MUS 393 Junior Project (Composition or Research) 3 credits
MUS 430 Orchestration 2 credits
MUS 441 Composing in the Popular Idiom 2 credits
MUS 493 Senior Project (Composition or Research) 3 credits

Advanced Studies in Performance
MUS 301 Improvisation 3 credits
MUS 383 Junior Project (Performance) 3 credits
MUS 483 Senior Project (Performance) 3 credits

Ensemble Requirement (4 credits)
Four courses from the following list:
MUS 115 Ensemble I 1 credit
MUS 116 Ensemble II 1 credit
MUS 130 Guitar Ensemble I 1 credit
MUS 131 Guitar Ensemble II 1 credit
MUS 144 Jazz Ensemble I 1 credit
MUS 145 Jazz Ensemble II 1 credit
MUS 150 Chorus I 1 credit
MUS 151 Chorus II 1 credit
MUS 164 Orchestra I 1 credit
MUS 165 Orchestra II 1 credit
MUS 215 Ensemble III 1 credit
MUS 216 Ensemble IV 1 credit
MUS 233 Guitar Ensemble III 1 credit
MUS 234 Guitar Ensemble IV 1 credit
MUS 246 Jazz Ensemble III 1 credit
MUS 247 Jazz Ensemble IV 1 credit
MUS 250 Chorus III 1 credit
MUS 251 Chorus IV 1 credit
MUS 264 Orchestra III 1 credit
MUS 265 Orchestra IV 1 credit
Electives: 0-18 credits
Total Credits Required: 120

Enrollment in Chamber Music and Other Small Ensembles
The College funds enrollment in chamber music and other small ensembles for a limited number of qualified Music majors. Students who are pursuing a major in Music and who are making appropriate progress toward fulfilling the degree requirements are eligible for enrollment in College-funded private instruction for credit. Admission into small ensembles is determined by audition, which must take place prior to registration in MUS 115.
Students enrolled in private lessons must maintain a 2.75 cumulative average in academic music classes (theory, history, and musicianship). For each semester of private lessons, the student must be enrolled in at least six credits of music classes. (Some flexibility is possible for first- and last-semester students.) Students may receive credit for a maximum of eight semesters of private lessons. These courses (MUS 115, MUS 116, MUS 215, MUS 216) are non-liberal arts and sciences courses and should be taken in sequence. MUS 216 may be repeated for credit. Students who are enrolled in College-funded small ensembles must satisfy the following criteria in order to remain eligible on a semester-by-semester basis:

a) rehearse with the ensemble at least six hours per week; b) receive a grade of B in the juried examination that takes place at the end of each semester; c) maintain full-time enrollment status at CSI (12 credits or more for each semester of lessons); d) make satisfactory progress toward completing the Music degree.

Junior and Senior Project Courses
Courses numbered MUS 383, MUS 393, MUS 483, and MUS 493 are project courses. They are available to Music majors who wish to perform a full-length public recital, write a large-scale composition, or complete a research project in music theory or music history of significant scope and length. A full-time Music faculty member and/or applied Music instructor must supervise any of these endeavors. At the request of the student, when the grade point average warrants the appellation, these courses may be designated as Junior Honors Project or Senior Honors Project. Juniors who hope to enroll in either MUS 383 or MUS 393 must have completed at least 25 credits of the general education requirement, including ENG 151, COR 100, and PED 190.

MUSIC MINOR (Effective Fall 2008)
Pre-minor requirements: 3-5 credits
MUS 125 Introduction to Music Theory 3 credits
Students who intend to minor in Music should complete MUS 125 in the spring semester of their first year at CSI.
MUS 123 0-1 credit
MUS 124 0-1 credit
Minor Requirements: 18 credits
At least 18 credits of music courses must be completed for the minor. The following core courses are required for the minor:
Music Theory and Musicianship (5 credits)
MUS 223 Keyboard Musicianship I 1 credit
MUS 225 Theory I 3 credits
MUS 243 Musicianship I 1 credit
Music History: one course from the following list:
MUS 211 History of Western Music I 4 credits
MUS 212 History of Western Music II 4 credits
MUS 236 Music in American Life 4 credits
MUS 239 History of Jazz 3 credits
Additional courses (9-10 credits) are to be determined in consultation with a Music faculty advisor.

MATHEMATICS (BS) (Effective Fall 2008)
General Education Requirements for BS:
ENG 111, ENG 151, COR 100, PED 190: 12 credits
Whenever possible, these four courses should be completed within the first 36 credits.
Scientific Analysis; Social Scientific Analysis; The Contemporary World; Textual, Aesthetic, and Linguistic Analysis; Pluralism and Diversity requirements: 21-27 credits
Whenever possible, these courses should be completed within the first 60 credits.
1. Scientific Analysis: (11 credits)
   a. Science and Technology: (8 credits)
      Two courses with laboratories chosen from one of the following sequences:
      BIO 170-171, 180-181 General Biology I and II with laboratories
      CHM 141-121, 142-127 General Chemistry I and II with laboratories
      PHY 120-121, 160-161 General Physics I and II with laboratories
      GEO 100-101, 102-103 Physical and Historical Geology with laboratories
      PHY 120-121, 160-161 General Physics I and II with laboratories
      GEO 100-101, 102-103 Physical and Historical Geology with laboratories
      AST 100-101, 102-103 Contemporary theories of the solar system (with planetary laboratory) and of the universe (with galactic laboratory)
      AST 120-160 Space Science I and II with laboratories
   b. Mathematics: (3 credits)
      (Can be satisfied using courses MTH 102, 109, 113, 121, 123, 130, 214, 230, or 231)
2. Social Scientific Analysis: (3-4 credits)
3. The Contemporary World: (4 credits)
4. Textual, Aesthetic, and Linguistic Analysis: (3-4 credits)
   a. Literature: 200-level
   b. Arts and Communications: 100-level
   c. Arts and Communications: 200-level
5. Pluralism and Diversity Requirement: (0-4 credits)
Please refer to the section in the Undergraduate Catalog on general education requirements for approved course lists and complete details.

Pre-Major Requirements: 14-17 credits
MTH 229 Calculus Computer Laboratory 1 credit
MTH 231 Analytic Geometry and Calculus I 3 credits
MTH 232 Analytic Geometry and Calculus II 3 credits
MTH 233 Analytic Geometry and Calculus III 3 credits (10 credits)
or
MTH 229 Calculus Computer Laboratory 1 credit
MTH 235 Accelerated Calculus I 5 credits
MTH 236 Accelerated Calculus II 5 credits (11 credits)
or
MTH 229 Calculus Computer Laboratory 1 credit
MTH 230 Calculus I with Pre-Calculus 6 credits
MTH 232 Analytic Geometry and Calculus II 3 credits
MTH 233 Analytic Geometry and Calculus III 3 credits (13 credits)

CSC 126 Introduction to Computer Science
or
CSC 270 Introduction to Scientific Programming
or
MTH 214 Applied Statistics Using Computers 4 credits
Whenever possible, all Mathematics majors are strongly advised to include in their curriculum a computer science course (CSC 126 or CSC 270) and MTH 214 (one of them as an elective).

MATHEMATICS MINOR
Pre-Minor requirements:
MTH 229 Calculus Computer Laboratory; MTH 231, MTH 232, MTH 233 Analytic Geometry and Calculus I, II, III 10 credits
or
MTH 229 Calculus Computer Laboratory; MTH 235, MTH 236 Accelerated Calculus I and II 11 credits
or
MTH 229 Calculus Computer Laboratory; MTH 230, 232, 233 Calculus I with Pre-Calculus, Analytic Geometry and Calculus II, III 13 credits
Minor Requirements: 12 credits
At least 12 credits of mathematics courses at the 300 or 400 level including at least one four-credit course that has not been used to satisfy a requirement for another major.

NURSING (BS)
Criteria for progression to 400-level courses:
All students must meet the following requirements prior to taking NRS 400 courses:
1. Current New York State license as a Registered Professional Nurse.
2. Completion of the pre-major requirements, either by examination or by completion of the appropriate courses. A maximum of 25 nursing credits are applied toward the BS in Nursing.

Upon successful completion of these requirements, the student must file a Change in Curriculum Form in the BS in Nursing program with the Office of the Registrar (Registrar’s curriculum designation N4).

To qualify for continuation in and graduation from the Nursing curriculum, students must have received a grade of at least C in each of the required nursing and biology courses. A student may repeat only one of the required nursing courses and only one of the required biology courses if a grade of less than C is received. Only one Withdrawal (WU) from required courses in nursing or biology is permitted.

PHYSICS (BS)
Pre-Major Requirements: 32 credits
Students planning to major in Physics must complete the following pre-major requirements. These courses may also be used to satisfy general education requirements.
PHY 120 General Physics I 3 credits
PHY 121 General Physics I Laboratory 1 credit
PHY 160 General Physics II 3 credits
PHY 161 General Physics II Laboratory 1 credit
PHY 240 Waves and Modern Physics 3 credits
PHY 250 Engineering Mechanics 3 credits
MTH 229 Calculus Computer Laboratory 1 credit
MTH 230 Calculus I with Pre-Calculus 6 credits
or
MTH 229 Calculus Computer Laboratory 1 credit
MTH 231 Analytic Geometry and Calculus I 3 credits
MTH 232 Analytic Geometry and Calculus II 3 credits
MTH 233 Analytic Geometry and Calculus III 3 credits
or
MTH 229 Calculus Computer Laboratory 1 credit
MTH 235 Accelerated Calculus I 5 credits
MTH 236 Accelerated Calculus II 10 credits
CHM 141 General Chemistry I 3 credits
CHM 121 General Chemistry I Laboratory 1 credit
CHM 142 General Chemistry II 3 credits
CHM 127 General Chemistry II Laboratory 1 credit

SPANISH (BA) (Effective Fall 2008)
1. Track One: Spanish
Pre-Major Requirements: 16 credits
Four Semesters of college-level language study (SPN 113, SPN 114, SPN 213, SPN 215) or the equivalent. Students who enter the College with ability in Spanish take a placement examination to determine the level at which they should begin language study. These courses may also be used to satisfy general education requirements.
Major Requirements: 36 credits
An advanced communication skills course (SPN 313) 4 credits
A Spanish Society and Literature Course (SPN 339, SPN 341) 4 credits
A Spanish-American Society and Literature Course (SPN 342, SPN 343) 4 credits
An additional 24 credits chosen from 300- or 400-level Spanish courses 24 credits
Electives: 9-40 credits
Total Credits Required: 120

PHOTOGRAPHY MINOR (Effective Fall 2008)
Pre-Minor Requirements: 3 credits
PHO 120 Introduction to Photography – Photography I 3 credits

Minor Requirements: 12-15 credits
At least four courses in photography at or above the 200-level. The Department strongly recommends at least one course that emphasizes the theoretical or historical underpinnings of photography chosen from: PHO 220, PHO 365, ART 303 (History of Photography), PHO/ART 314
Liberal Arts & Sciences Requirement:
Since most photography courses are non-liberal arts and sciences, students in this program should pay special attention to this requirement.

MODERN CHINA STUDIES
(Certificate)
Modern China Studies Curriculum:
Required:
HST 213 Chinese Civilization 4 credits
Chinese language course selected from the following: 4 credits
CHN 113 Basic Mandarin Chinese I
CHN 114 Basic Mandarin Chinese II
CHN 213 Continuing Mandarin Chinese I
CHN 215 Continuing Mandarin Chinese II
Choice of two of the following courses: 8 credits
CIN 203 Chinese Cinema
ENL 335 Modern Asian Literature
HST 206 Modern China
HST 237 The World of Late Imperial China
POL 256 East Asian Politics
POL 353 China: Politics and Foreign Relations

NEW YORK STATE REGISTRATION
Certificate Modern China Studies 5603

FACULTY AND STAFF
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Department of English; BS, United States Military Academy; MA, PhD, Purdue University

Green, Hernan, Higher Education Assistant
Assistant Registrar; BA, Drew University; MSEd, Baruch

Hoeller, Hildegard, Professor of English
Department of English; BA, BS, University of Saarland (Germany); MA, PhD, Rutgers University

Powers-Silverberg, Ruth, Assistant Professor of Education
Department of Education; BS, SUNY Oneonta; MS, College of St. Rose; EdD, Hofstra University

Tortora, Christina M., Associate Professor of English
Department of English; BA SUNY Stony Brook; MA, PhD, University of Delaware

APPENDIX IX
Sexual Harrassment Awareness and Intake Committee Membership Roster
Kevin Antoine, JD, Coordinator (Director of Office of Diversity & Compliance, Coordinator for Title IX, Coordinator for the Age Discrimination Act, and Co-Coordinator of the Americans with Disabilities Act and Section 504), South Administration Building (1A), Room 103, x2250.

Winnie Eng, PhD, (SEEK), Deputy Sexual Harassment Coordinator, South Administration Building (1A) Room 109B x2738

Calvin Holder PhD (History), Marchi Hall (2N), Room 210, x 2880
Sondra Brandler PhD (SASW) (Sociology, Anthropology, and Social Work)

Psychology/Sociology/Anthropology, and Social Work Building (4S), Room 224, x3769

Cindy Wong PhD (Media Culture), Center for the Arts (1P), Room 226, x2546

Fran Mitilieri (Sports and Recreation), Sports and Recreation Center (1R), Room 204J, x3167

Daryll Hill PhD (Psychology), Psychology/Sociology/Anthropology, and Social Work Building (4S), Room 212, x3758

Karen Contreras (Nursing), Marcus Hall (5S), Room 210, x3799

Chris Cruz Cullari (Disability Services), Center for the Arts (1P), Room 101E, x2697
THE CITY UNIVERSITY OF NEW YORK WORKPLACE VIOLENCE POLICY AND PROCEDURES

Statement of Nondiscrimination
The College of Staten Island is an Equal Opportunity and Affirmative Action institution. The College does not discriminate on the basis of race, color, national or ethnic origin, religion, age, sex, sexual orientation, transgender, disability, genetic predisposition or carrier status, alienage or citizenship, veteran or marital status in its student admissions, employment, access to programs, and administration of educational policies.

Mr. Kevin Antoine is the Director, Office of the Diversity and Compliance, Coordinator for Title IX, which prohibits sex discrimination in federally assisted education programs, and Coordinator for the Age Discrimination Act, which prohibits age discrimination in federally assisted education programs. His office is located in the South Administration Building (1A), Room 103, and his telephone number is 718.982.2250.

1. Mr. Kevin Antoine, Director, Office of Diversity and Compliance, and Ms. Margaret Venditti, Coordinator of Disabilities Services, are the College coordinators for the Americans with Disabilities Act and Section 504, which prohibit discrimination on the basis of disability. Mr. Antoine is located in the South Administration Building (1A), Room 103, and his telephone number is 718.982.2250. Ms. Venditti's office is located in the Center for the Arts (1P), Room 101, and her telephone number is 718.982.2513.
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