Iona College
2014-2015 UNDERGRADUATE CATALOG
Baccalaureate Programs

Iona College
715 North Avenue
New Rochelle, NY 10801-1890

(800) 231-IONA or (914) 633-2502

E-mail:
admissions@iona.edu

Internet:
www.iona.edu
Academic Programs - Day

Through the School of Arts and Science and the Hagan School of Business, Iona College offers degree programs for undergraduates seeking full-time study during traditional day hours.

**BACCALAUREATE / MASTER DEGREES**

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum ................................ Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1905/</td>
<td>Chemistry / Adolescent Education, ............. BS/MST</td>
</tr>
<tr>
<td>1906.01</td>
<td>Chemistry ........................................ BS/MS</td>
</tr>
<tr>
<td>0701</td>
<td>Computer Science / Computer ........................ BA/MS</td>
</tr>
<tr>
<td>0701</td>
<td>Science ............................................. BA/MA</td>
</tr>
<tr>
<td>2105/</td>
<td>Criminal Justice .................................. BA/MA</td>
</tr>
<tr>
<td>2204/</td>
<td>Economics / Computer Science ..................... BS/MS</td>
</tr>
<tr>
<td>0701</td>
<td>History ............................................. BA/MA</td>
</tr>
<tr>
<td>1701/</td>
<td>Mathematics ......................................... BA/MA</td>
</tr>
<tr>
<td>0701</td>
<td>Science ............................................... BS/MS</td>
</tr>
<tr>
<td>0601</td>
<td>Mass Communication / Public Relations .......... BA/MA</td>
</tr>
<tr>
<td>0701</td>
<td>Psychology ........................................... BA/MA</td>
</tr>
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**BACCALAUREATE DEGREES**

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum ............................................ Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>0502</td>
<td>Accounting .............................................. BA</td>
</tr>
<tr>
<td>0401</td>
<td>Biology .................................................. BS</td>
</tr>
<tr>
<td></td>
<td>● General Biology</td>
</tr>
<tr>
<td></td>
<td>● Pre-Physical Therapy</td>
</tr>
<tr>
<td></td>
<td>● Pre-Professional</td>
</tr>
<tr>
<td>0414</td>
<td>Biochemistry ............................................. BS</td>
</tr>
<tr>
<td>0506</td>
<td>Business Administration ................................ BS</td>
</tr>
<tr>
<td>1905</td>
<td>Chemistry ................................................ BS</td>
</tr>
<tr>
<td>0802</td>
<td>Childhood Education ...................................... BS</td>
</tr>
<tr>
<td>0701</td>
<td>Computer Science / Computer ........................... BA, BS</td>
</tr>
<tr>
<td>2105</td>
<td>Criminal Justice ........................................ BA</td>
</tr>
<tr>
<td>0802</td>
<td>Early Childhood Education / Childhood Education (Dual) .... BS</td>
</tr>
<tr>
<td>2204</td>
<td>Economics ................................................ BA, BS</td>
</tr>
<tr>
<td>1501</td>
<td>English .................................................... BA</td>
</tr>
<tr>
<td>0420</td>
<td>Environmental Science .................................... BS</td>
</tr>
<tr>
<td>0420</td>
<td>Environmental Studies .................................... BA</td>
</tr>
<tr>
<td>0504</td>
<td>Finance .................................................... BBA</td>
</tr>
<tr>
<td>1102</td>
<td>French ..................................................... BA</td>
</tr>
<tr>
<td>2205</td>
<td>History .................................................... BA</td>
</tr>
<tr>
<td>0702</td>
<td>Information Systems ...................................... BS</td>
</tr>
<tr>
<td>4901</td>
<td>Interdisciplinary Studies - Science ................... BA</td>
</tr>
<tr>
<td>4901</td>
<td>Interdisciplinary Studies ................................ BA</td>
</tr>
<tr>
<td>0513</td>
<td>International Business .................................. BBA</td>
</tr>
<tr>
<td>2210</td>
<td>International Studies .................................... BA</td>
</tr>
<tr>
<td>1104</td>
<td>Italian ..................................................... BA</td>
</tr>
<tr>
<td>0506</td>
<td>Management ................................................ BBA</td>
</tr>
<tr>
<td>0509</td>
<td>Marketing .................................................. BBA</td>
</tr>
<tr>
<td>0601</td>
<td>Mass Communication ...................................... BA</td>
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<td>1701</td>
<td>Mathematics ............................................... BA, BS</td>
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<tr>
<td>1509</td>
<td>Philosophy ................................................ BA</td>
</tr>
<tr>
<td>1902</td>
<td>Physics ................................................... BS</td>
</tr>
<tr>
<td>2207</td>
<td>Political Science ......................................... BA</td>
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<tr>
<td>2001</td>
<td>Psychology ................................................. BA</td>
</tr>
<tr>
<td>1510</td>
<td>Religious Studies .......................................... BA</td>
</tr>
<tr>
<td>2104</td>
<td>Social Work .............................................. BS</td>
</tr>
<tr>
<td>2208</td>
<td>Sociology .................................................. BA</td>
</tr>
<tr>
<td>1105</td>
<td>Spanish ..................................................... BA</td>
</tr>
<tr>
<td>1506</td>
<td>Speech Communication .................................... BA</td>
</tr>
<tr>
<td>1220</td>
<td>Speech/Language Pathology and Audiology .............. BA</td>
</tr>
</tbody>
</table>

**CERTIFICATE PROGRAM**

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum .............................................. Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>2104.10</td>
<td>Drug and Alcohol Abuse Studies - Certificate of Eligibility for Credentialed Alcoholism and Substance Abuse Counselor (CASAC) Training ... Certificate</td>
</tr>
</tbody>
</table>

**TEACHER CERTIFICATION**

Through the College’s Department of Education, Iona provides a New York State approved sequence of courses in degree programs leading to initial certification, as follows:

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum .............................................. Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>0802</td>
<td>Childhood Education ....................................... BS</td>
</tr>
<tr>
<td>0802</td>
<td>Early Childhood Education / Childhood Education (Dual) .... BS</td>
</tr>
<tr>
<td>0401.01</td>
<td>Adolescence Education: Biology ................................ BS</td>
</tr>
<tr>
<td>1501.01</td>
<td>Adolescence Education: English ................................ BA</td>
</tr>
<tr>
<td>1102.01</td>
<td>Adolescence Education: French ................................ BA</td>
</tr>
<tr>
<td>1104.01</td>
<td>Adolescence Education: Italian ............................. BA</td>
</tr>
<tr>
<td></td>
<td>(Not Accepting New Students)</td>
</tr>
<tr>
<td>1701.01</td>
<td>Adolescence Education: Mathematics ........................ BA</td>
</tr>
<tr>
<td>1701.01</td>
<td>Adolescence Education: Mathematics ........................ BS</td>
</tr>
<tr>
<td>2201.01</td>
<td>Adolescence Education: Social Studies ..................... BA</td>
</tr>
<tr>
<td>1105.01</td>
<td>Adolescence Education: Spanish ............................. BA</td>
</tr>
</tbody>
</table>
Academic Programs - Professional Studies Program

Through the School of Arts and Science and the Hagan School of Business, Iona College offers degree and certificate programs for returning adults during evening hours and on weekends, in the trimester schedule.

BACCALAUREATE DEGREES

BACHELOR OF SCIENCE

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>0501</td>
<td>General Business</td>
<td>BS</td>
</tr>
<tr>
<td>4901</td>
<td>Liberal Studies</td>
<td>BS</td>
</tr>
<tr>
<td>2104</td>
<td>Social Work</td>
<td>BS</td>
</tr>
</tbody>
</table>

BACHELOR OF PROFESSIONAL STUDIES
(Not Accepting New Students)

<table>
<thead>
<tr>
<th>Hegis Code</th>
<th>Curriculum and Development</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>2105</td>
<td>Criminal Justice</td>
<td>BPS</td>
</tr>
<tr>
<td>0702</td>
<td>Data Communications</td>
<td>BPS</td>
</tr>
<tr>
<td>0702</td>
<td>Internet Communication and</td>
<td>BPS</td>
</tr>
<tr>
<td></td>
<td>Development</td>
<td></td>
</tr>
<tr>
<td>0601</td>
<td>Public Communications</td>
<td>BPS</td>
</tr>
<tr>
<td>2001</td>
<td>Psychology</td>
<td>BPS</td>
</tr>
</tbody>
</table>

NOTE: Enrollment in other than officially registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.

Iona College reserves the right to advance and alter requirements regarding admission, the arrangement of courses, the curriculum, requirements for graduation and degrees and other regulations affecting the student body. Such regulations will govern both incoming and matriculating students and will be effective as determined by Iona College.
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# Academic Calendar 2014-2015
## Undergraduate Semester

### FALL 2014 SEMESTER

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 19</td>
<td>Program change/registration (Arrigoni Center)</td>
</tr>
<tr>
<td>August 20</td>
<td>Program change/registration (McSpedon Hall)</td>
</tr>
<tr>
<td>August 22</td>
<td>Deadline for filing Degree Candidate Form for February 2013 graduation</td>
</tr>
<tr>
<td>August 25</td>
<td>New Freshman Orientation Day</td>
</tr>
<tr>
<td>August 26</td>
<td>First day of the fall semester (Tuesday)</td>
</tr>
<tr>
<td>Aug. 27-Sept. 2</td>
<td>Late registration, McSpedon Hall (Office of Student Financial Services)</td>
</tr>
<tr>
<td>September 1</td>
<td>Labor Day – Holiday</td>
</tr>
<tr>
<td>September 2</td>
<td>Last day to add or remove a course from the index-free (Pass/Unsatisfactory) grading system</td>
</tr>
<tr>
<td>September 5</td>
<td>Last day for students to submit work in satisfaction of &quot;I&quot; grades; grade appeals from the spring or summer semesters</td>
</tr>
<tr>
<td>October 3</td>
<td>Last day for faculty to input freshman progress reports</td>
</tr>
<tr>
<td>October 10</td>
<td>Last day for faculty to file grade changes for the spring or summer semesters</td>
</tr>
<tr>
<td>October 13</td>
<td>Columbus Day – Holiday (no day classes)</td>
</tr>
<tr>
<td>October 14</td>
<td>Monday schedule of day classes will be followed</td>
</tr>
<tr>
<td>October 20</td>
<td>Advance web priority registration begins for spring 2014 for continuing students (tentative)</td>
</tr>
<tr>
<td>November 11</td>
<td>Veteran’s Day - Holiday (no day classes)</td>
</tr>
<tr>
<td>November 14</td>
<td>Last day to withdraw from a course with an automatic “W”</td>
</tr>
<tr>
<td>November 26-28</td>
<td>Thanksgiving recess</td>
</tr>
<tr>
<td>December 1</td>
<td>Deadline for filing Degree Candidate Form for June 2014 graduation</td>
</tr>
<tr>
<td>December 9</td>
<td>Last day of fall undergraduate semester (Tuesday)</td>
</tr>
<tr>
<td>December 10</td>
<td>Reading Day</td>
</tr>
<tr>
<td>December 11-17</td>
<td>Examination period</td>
</tr>
<tr>
<td>December 18</td>
<td>Alternate examination day (snow day)</td>
</tr>
<tr>
<td>December 19</td>
<td>Last day for faculty to input fall grades</td>
</tr>
<tr>
<td>December 22 - January 1</td>
<td>Christmas Recess</td>
</tr>
<tr>
<td>January 5-16</td>
<td>*January Intersession 2015 (tentative)</td>
</tr>
</tbody>
</table>

* Consult Winter Session Bulletin for details.

### FALL DATES FOR WEEKEND COURSES

**(Friday, Saturday, Sunday)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>September 5, 6, 7</td>
<td></td>
</tr>
<tr>
<td>September 19, 20, 21</td>
<td></td>
</tr>
<tr>
<td>October 3, 4, 5</td>
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</tr>
<tr>
<td>October 24, 25, 26</td>
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</tr>
<tr>
<td>November 14, 15, 16</td>
<td></td>
</tr>
<tr>
<td>December 5, 6, 7</td>
<td></td>
</tr>
</tbody>
</table>

Note: All dates in the academic calendar may be subject to change.
SPRING 2015 SEMESTER

January 12  Program change/registration (Arrigoni Center)
January 13  Program change/registration (McSpedon Hall)
January 19  Dr. Martin Luther King, Jr.’s Birthday - Holiday (no day classes)
January 20  First day of the spring semester
January 26  Last day to add or remove a course from the index-free (Pass/Unsatisfactory) grading system

Deadline for filing Degree Candidate Form for August 2013 graduation

January 21-26  Late registration, McSpedon Hall (Office of Student Financial Services)
February 6  Last day for students to submit work in satisfaction of “I” grades from fall semester
February 16  President’s Day - Holiday (no day classes)
February 17  Monday schedule of day classes will be followed
February 27  Last day for faculty to input freshman progress reports
March 6  Last day for faculty to file grade changes from the fall semester and January Intersession
March 16-20  Spring recess
March 23  Advance web priority registration fall 2014 for continuing students (tentative)

April 2  Holy Thursday - College closed
April 3  Good Friday - College closed
April 6  Easter Monday - College closed
April 8  Monday schedule of day classes will be followed
April 10  Last day to withdraw from classes with an automatic “W”
May 3  Honors Convocation
May 8  Last day of spring undergraduate semester
May 11-15  Examination period
May 16  Commencement - Saturday
May 18  Last day for faculty to input spring grades

*Summer sessions begin (tentative)

May 25  Memorial Day - Holiday

*Consult Summer Sessions Bulletin for details.

SPRING DATES FOR WEEKEND COURSES
(Friday, Saturday, Sunday)

January 30, 31, February 1
February 13, 14, 15
February 27, 28, March 1
March 27, 28, 29
April 10, 11, 12
May 1, 2, 3

Note: All dates in the academic calendar may be subject to change.
# Academic Calendar 2014-2015

## Undergraduate Trimester – Professional Studies Program

### FALL TRIMESTER 2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 19</td>
<td>Program change/registration (Arrigoni Center)</td>
</tr>
<tr>
<td>August 20</td>
<td>Program change/registration (McSpedon Hall)</td>
</tr>
<tr>
<td>August 25</td>
<td>Classes begin</td>
</tr>
<tr>
<td>August 27 - September 2</td>
<td>Late registration (McSpedon Hall)</td>
</tr>
<tr>
<td>September 1</td>
<td>Labor Day (no classes)</td>
</tr>
<tr>
<td>November 17</td>
<td>Last day of classes</td>
</tr>
</tbody>
</table>

### WINTER TRIMESTER 2014-2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 25</td>
<td>Web registration ends (tentative)</td>
</tr>
<tr>
<td>November 19</td>
<td>Registration (in person)</td>
</tr>
<tr>
<td>November 19</td>
<td>Classes begin</td>
</tr>
<tr>
<td>November 19-25</td>
<td>Late registration (in person until 5:00 pm)</td>
</tr>
<tr>
<td>November 26-28</td>
<td>Thanksgiving recess (no classes)</td>
</tr>
<tr>
<td>December 22-January 1</td>
<td>Christmas recess (no classes)</td>
</tr>
<tr>
<td>January 2</td>
<td>Classes resume</td>
</tr>
<tr>
<td>February 26</td>
<td>Last Day of Classes</td>
</tr>
</tbody>
</table>

### SPRING TRIMESTER 2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 9</td>
<td>Web registration ends (tentative)</td>
</tr>
<tr>
<td>March 2</td>
<td>Classes begin</td>
</tr>
<tr>
<td>March 2-9</td>
<td>Late registration (in person until 5:00 pm)</td>
</tr>
<tr>
<td>April 2</td>
<td>Holy Thursday (no classes)</td>
</tr>
<tr>
<td>April 3</td>
<td>Good Friday (no classes)</td>
</tr>
<tr>
<td>April 6</td>
<td>Classes resume</td>
</tr>
<tr>
<td>May 22</td>
<td>Last day of classes</td>
</tr>
</tbody>
</table>

Note: Make-up classes may be required for holidays.

Note: All dates in the academic calendar may be subject to change.
Iona College -
A Place and a Purpose

Iona College takes its name from the island of Iona located in the Inner Hebrides just off the west coast of Scotland. It was on this tiny island that the Irish monk, Columba, established an abbey from which missionaries went forth to teach and evangelize. The island of Iona became a center of faith and learning that contributed significantly to the civilization and cultural development of Western Europe. It was in the spirit of this heritage that the religious order of educators, the Congregation of Christian Brothers, founded Iona College in New Rochelle, New York, in 1940.

The original campus is situated in the gracious Beechmont section of New Rochelle. A city of 72,500 people located on the Long Island Sound in Westchester County, New Rochelle offers the sophistication of an established suburb, as well as easy access to New York City by automobile or public transportation. Rich in history and tradition, the ‘Queen City of the Sound’ has been the home of the French Huguenots, American poet-essayist Thomas Paine, and artist Norman Rockwell, as well as numerous leaders in commerce, industry and entertainment. The College also has a branch campus in Rockland County – Iona College Rockland Graduate Center in Pearl River, NY.

Iona’s purpose is the education of students through intellectual discipline and a developing awareness of self, structured upon a more complete understanding of their cultural, religious and social heritage. Iona College endeavors to develop informed, critical and responsible individuals equipped to participate actively in culture and society. Experience has shown that the Christian Brothers’ origins and traditions are valuable aspects of Iona’s distinct character and strength. The academic study of religion is an important element in each student’s course of study; religious ideas, perspectives and values hold an important place in the College’s curriculum.

In the spirit of the liberal arts, Iona engages students to search those disciplines that provide them with skills and knowledge that help them to understand and live in the modern world.
Mission Statement

Iona College is a caring academic community, inspired by the legacy of Blessed Edmund Rice and the Christian Brothers, which embodies opportunity, justice, and the liberating power of education. Iona College's purpose is to foster intellectual inquiry, community engagement, and an appreciation for diversity. In the tradition of American Catholic Higher Education, Iona College commits its energies and resources to the development of graduates recognized for their ethics, creativity, and problem solving abilities; their independent and adaptable thinking; their joy in lifelong learning; and their enduring integration of mind, body, and spirit.

(Adopted May 2, 2012)
Special Programs

ROTC PROGRAMS

Iona College participates in an extension of the Air Force ROTC program at Manhattan College, Riverdale, NY, and an extension of the Army ROTC program at Fordham University, Bronx, NY. To learn more about opportunities to participate in the Air Force or Army ROTC programs, students should contact the Office of the Dean, School of Arts and Science at Iona College.

BROTHER JOHN G. DRISCOLL PROFESSORSHIP IN JEWISH-CATHOLIC STUDIES

The Brother John G. Driscoll Professorship in Jewish-Catholic Studies is a gift from Mr. and Mrs. Jack Rudin ’86H, to Iona College to honor President Emeritus Br. Driscoll’s fifty years as a member of the Congregation of Christian Brothers. As a program in Jewish-Catholic Studies, the Driscoll Professorship adds a unique perspective to the fulfillment of Iona’s mission to prize the values of justice, peace and service.

Through an array of programs including course work in a variety of departments, interreligious study with in-state area Jewish and Catholic congregations, networking with organizations such as the American Jewish Committee and the Anti-Defamation League, sponsoring national lecturers in Jewish-Catholic studies, and building library collections in Judaica and Jewish-Catholic Studies, the Driscoll Professorship dedicates itself to:

- effecting mutual understanding between the peoples of the Jewish and Catholic faiths;
- fostering learning about the similarities and differences surrounding shared beliefs in God, faith, and the values of justice and life;
- exploring a common foundation in the themes of covenantal relationship;
- deepening understanding about the effects and implications of the Shoah; and
- celebrating the spiritual vitality and gifts of the two faiths.

The department of Religious Studies offers the course “Jesus and Judaism” on a rotating schedule. The departments of English and history have supported the following courses as special topics: “The Bible as Literature” and “Jews and Christians in Medieval Europe,” respectively. The Driscoll Professorship has also sponsored the not-for-credit continuing education course: “A History of the Holocaust.”

For more information, please contact Dr. Elena Procarlo-Foley of the Driscoll Professorship at (914) 637-2744, fax, (814) 633-2248.

CHILD ABUSE IDENTIFICATION AND REPORTING SEMINAR

Child Abuse Identification and Reporting seminars are given on a regular basis. They fulfill New York State licensing requirements for educators, health care workers, law enforcement and fire personnel, etc. There is a nominal fee, and an official certification of completion is presented to each participant. Call (914) 637-2756 for further information, or visit: www.iona.edu/education.

COUNCIL ON THE ARTS

The Iona College Council on the Arts is dedicated to sponsoring artistic and cultural programs for the enrichment of the Iona College community, particularly the student body. With an endowment from the Baron Lambert Fund for the Arts established by Mr. and Mrs. Joseph M. Murphy, the Council exists to make the arts more present and visible—providing the unique awareness, inspiration and participation that the arts promote. Consisting of Iona College faculty, administrators, students and alumni, the Council on the Arts seeks to expand and deepen the cultural life of our student body. The Council produces and coordinates events whereby students, faculty, administrators and community members may experience the arts communally. The Council sponsors performing arts events and exhibitions in the Brother Chapman Gallery. Through the ArtsLink program, students enrolled in Fine and Performing Arts courses are required to attend one or more of these special arts events.

ENVIRONMENTAL STUDIES

The Environmental Studies program at Iona College offers an interdisciplinary BA major degree Environmental Studies draws from Biology, Political Science, Religious Studies, and other pertinent disciplines to raise student consciousness about the complexity of local, national, and global environmental issues. The program combines interdisciplinary breadth with depth in a chosen field of study. Students will be able to choose from three major concentrations: Politics and Policy, Religious Studies, or Ecological and Environmental Literacy. There are two interdisciplinary team-taught courses required at key points in the program. Please consult page 76 to learn about the program requirements and courses.
INTER-INSTITUTIONAL COOPERATION

Iona College maintains articulation agreements with several two-year colleges. Details regarding current articulation agreements with Bronx Community College, Kingsborough Community College, Rockland Community College, SUNY-Orange, and Westchester Community College are available at those institutions for students who wish to transfer to Iona to complete a four-year degree. Iona also has an articulation agreement with St. Thomas Aquinas College for its students who are interested in pursuing a graduate degree in History at Iona.

Iona has special accelerated agreements with the New York College of Podiatric Medicine and the New York Chiropractic college for students who are interested in these careers. Contact the chair of the Iona College Biology Department for further details.

INTERNSHIPS

Internships are available for qualified students in both the School of Arts and Science and the Hagan School of Business. Arrangements for internships should be made through department chairs and departmental internship coordinators. Internships are available in the United States and abroad.

IONA IN MISSION

The Iona in Mission program is a unique cross-cultural learning experience offered by the Center for Campus Ministries. This program expands the classroom context by engaging students in service to those most in need through winter, spring or summer break immersions in diverse cultures. Providing ample opportunities for reflection, analysis and spiritual nourishment, Iona in Mission trips introduce students to the causes and effects of violence, poverty and racial injustices. Each year 8-10 Iona in Mission trips are typically offered and these may include, but are not limited to:

- An urban immersion in Chicago, New Rochelle, or Washington, D.C.
- A rural immersion in Appalachia or Massachusetts
- A cross-cultural program with Native American communities in Arizona or New Mexico
- Christian Brothers outreach sites in Kenya, Bolivia, Zambia or New Orleans.

A brochure detailing these programs is available in the Center for Campus Ministries (LaPenta 217) or on the department web page.

LEARNING IN RETIREMENT AT IONA COLLEGE

Learning in Retirement at Iona College (LIRIC) is a self-governing and independent membership institute within the college community, which also has an affiliation with Elderhostel. LIRIC offers daytime courses, study groups, and cultural and social activities for men and women of retirement age. There are no membership restrictions. The curriculum varies from semester to semester but usually includes classes in art, music, current events, science, computers, book discussion, literature and film. Field trips and visits to museums and other sites of interest enrich the program. For information and to request a catalog, call (914) 633-2675 or visit the website: www.iona.edu/lirc.

MINOR CONCENTRATIONS

In addition to minors in those disciplines offering major programs, Iona offers several special minors. The School of Arts and Science offers minor programs in film studies, fine and performing arts, German, peace and justice, women’s studies, and writing. New in Fall 2013 are minors in Diversity and Social Welfare, Environmental Studies, and Thomas Paine Studies. The Hagan School of Business also offers a minor in Business for students in the School of Arts and Science.

THE FAMILY THERAPY CENTER

The Family Therapy Center is operated by the Department of Marriage and Family Therapy. Individual, couple, and family therapy, is available to members of the Iona College community and local neighborhoods. Appointments are available Monday through Friday from 9:00 am until 8:00 pm. Limited times available on Saturdays. The Center is located in Egan Hall, 45 St. Paul’s Place, New Rochelle, NY. There is no fee for members of the Iona community. For more information or an appointment, please call (914) 633-2074 or (914) 633-2418.

PRE-PROFESSIONAL PROGRAMS

Students interested in admission to the study of medicine, dentistry, veterinary medicine or related areas of professional practice should follow a well-balanced program of study that includes the humanities and social sciences. There is no one major that provides the best preparation for admission to professional schools. Students should choose a major which is best suited to their interests and alternate career objectives, should the decision be made not to enter professional school after graduation from Iona College. However, students who wish to enter medical or dental schools are strongly advised
to complete the following courses: BIO 101-102; CHM 109-110 and 209-210; PHY 101-102 and MTH 231-232. For more information, contact the Health Professions Adviser.

RETURNING ALUMNI PROGRAM

With the continuing intellectual development of Iona graduates in mind, the College has established the Returning Alumni Program. Since this program is designed for personal enrichment rather than for college credit, courses are not reflected on the student’s college transcript. Interested alumni may arrange to take one undergraduate course during either the fall or spring semester for a nominal fee (refer to Tuition and Fee Schedule). Registration in a course is subject to space availability and/or an acceptable number of regular students registered. Registration and payment takes place at the Office of Student Financial Services on the day preceding the start of the term.

Alumni requiring continuing education credit to submit to an accrediting or professional body will need to pay the full course audit price per the Tuition and Fee schedule and have the course reflected on the student transcript.

SAVE WORKSHOP

All candidates registered in the teacher education programs leading to certification in the classroom teaching service, pupil personnel service or administration and supervisory service shall complete a two-hour training session in school violence prevention and intervention. Call (914) 637-2756 for further information, or see website: www.iona.edu/education.

SERVICE-LEARNING

In the spirit of its dual commitment to academic excellence and social justice, Iona College sponsors courses that engage students in the integration of community service and the academic pursuit of specific disciplines. Semester-long courses that may utilize a service-learning pedagogy include: Theology of Christian Service, Introduction to American Government, Dance Outreach, Camp Viva, and Non-profit Marketing.

SPIRITUALITY INSTITUTE

The Iona Spirituality Institute is a center for the cultivation of the spiritual life through the sacred arts of study, prayer, creative expression and service to the community of earth in a commitment to justice and ecological responsibility. The Institute offers opportunities for spiritual reflection and experience in a variety of settings, at modest cost. These opportunities include lectures, workshops, retreats, pilgrimages and celebrations intended to bring us closer to the wellsprings of the spiritual life.

The Institute has offered such programs as:

- Spirituality reading groups
- Christian/Buddhist dialogue
- Spiritual biographies: Dorothy Day, Abraham Heschel, Teilhard de Chardin
- Prayer according to the spiritual master Thomas Merton
- Concerts of vocal and instrumental music for the sacred days of Advent and Lent

For information, contact the Spirituality Institute, (914) 633-2590.

STUDY ABROAD

Iona College encourages students to broaden their educational experiences and gain cultural perspectives through study and travel abroad. Many interesting options are available such as summer programs in Rome, Paris, London, Oxford, Barcelona and Athens, as well as semester programs in Dublin, Ireland (at the Marino Institute of Education) and Freemantle, Australia (at the University of Notre Dame - Australia). Furthermore, students of the highest caliber are invited to apply to a junior-year-abroad program at Oxford University. In addition, an intensive one-week program is offered during spring break in Auschwitz (Oswiecim), Poland. New programs are in development, such as proposed semester programs in Rome, Paris, and Barcelona, as well as summer programs in China, Morocco, and Jerusalem.

Students may also spend a summer, a semester, or a year studying independently at a foreign university. Earned credits may be transferred to Iona College with prior approval. Please refer to “Credit for Study at Other Colleges and Universities,” elsewhere in the catalog. Honors Program students can use their six free credits per academic year for study abroad.

For further information concerning study abroad options, contact the director of Study Abroad, or visit Iona’s website at www.iona.edu/academic/studyabroad.
Iona recognizes that the educational experience in college should encompass more than classroom instruction. In order to develop the entire person, Iona offers a wide variety of activities and services to complement academic preparation. Most of these activities and services are managed through the Office of Student Development located in the Robert V. La Penta Student Union. Services include student activities, athletics, counseling, career services, campus safety and security, health services, and residential life.

ATHLETICS

The Athletic Department offers a wide variety of sports and intramural programs for all members of the Iona community to enjoy. Iona competes in the Metro Atlantic Athletic Conference and fields 21 Division I teams. An extensive intramural program allows all students to engage in athletic activities. The Hynes Athletics Center houses the athletic staff and provides recreational and fitness centers. The Mazzella Multi-sports Field is also available for recreational use.

CAMPUS MINISTRIES

The Center for Campus Ministries invites students to grow in faith, engage in hands on service to others, deepen their spiritual lives, and consider issues of peace and justice. Open to students of all religious backgrounds, Campus Ministries offers Sunday and daily mass, interfaith prayer services, retreats, weekly hospitality suppers, and active engagement in volunteer service. From offices in LaPenta Student Union and Montgomery House, the department promotes annual programs such as the Week of the Peacemaker, Make a Difference Week, the Kairos retreat and several Coffee Houses. At Montgomery House student campus ministers and professional staff live in a community setting valuing prayer, service and simplicity. Student campus ministers also reside in the residence halls. In addition, the department sponsors the Iona in Mission program.

CAMPUS SAFETY AND SECURITY

The Office of Campus Safety and Security is responsible for the safety and security of all members of the Iona community. The department's goal is to maintain a campus atmosphere conducive to achieving the Iona College mission. The staff is encouraged to take a proactive approach to security by maintaining positive interactions with our community on a daily basis in a form of “Community Policing.” The purpose of this philosophy is to improve the overall safety of our campus through increased involvement of all members of the Iona community in security.

The Office of Campus Safety and Security issues ID cards and parking permits at LaPenta Student Union, Monday through Thursday, 8:30 am to 7:30 pm, and Friday, 8:30 am to 5:00 pm. All vehicles parked on campus must park in a legal space and display a valid Iona College parking permit. Yellow lined spaces are for faculty and staff only and the tow policy is strictly enforced. This policy is intended to facilitate the flow of traffic and to improve pedestrian safety. Campus Safety and Security personnel are always willing to meet with students to discuss campus safety and personal security issues.
The Department of Campus Safety and Security will provide, upon request, all campus crime statistics as reported to the United States Department of Education. This information is available on the website of the US Department of Education at www.ope.ed.gov/security/, and on the Iona College website at www.iona.edu/studentlife/safety/safety.pdf, or you may obtain a printed copy from the Department of Campus Safety and Security.

CENTER FOR CAREER DEVELOPMENT

The Gerri Ripp Center for Career Development, located on the second floor in Spellman Hall, assists students in preparing for a career after graduation. Career advisors work closely with students to determine a career focus, select an appropriate major, explore career fields and provide assistance in securing internships and the job search process. The Center cooperates with academic departments, faculty, and College administrators to engage students early on with a structured four-year career development plan designed to enhance their marketability upon graduation. Some of the key resources available through the Career Center are: GAELink, an online career management system which provides updates on career events and job/internship possibilities; resume critiques; mock interviews; and on-campus recruiting opportunities.

COUNSELING CENTER

Located in Spellman Hall. The Counseling Center provides individual, couples, and group counseling to students of Iona College. Some of the issues that students bring to counseling include: stress reduction, depression, problems with relationships, anxiety disorders, family concerns, alcohol and other drug abuse, eating disorders and overcoming academic difficulties. Other services include consultation with faculty and staff, training for Resident Assistants and Campus Ministers and the provision of workshops relevant to a college student population. Topics include enhancing relationships, preventing sexual assault and domestic violence and multicultural awareness. The Counseling Center also serves as a training site for Master’s and Doctoral level students in counseling and clinical psychology for institutions in the Metropolitan New York area. All counseling sessions are confidential within the guidelines of legal and ethical standards.

HEALTH SERVICES

Health Services, located in the Iona Wellness Center at 760 North Avenue, provides comprehensive primary care services and the initial interventions of emergency care. Health Services promotes primary prevention; health screening, immunizations, health education and counseling. The care of our students is provided by nurse practitioners in collaboration with the Iona College physician.

Health Services adheres firmly to the requirements of New York State Department of Health, Public Health Laws. All students are required to submit proof of immunity against measles, mumps, rubella, and Meningococcal Meningitis within 30 days of entrance. The Health Service professional and administrative staff conforms to standards of professional, ethical, moral, State and Federal mandated procedures of confidentiality, privacy, and informed consent. The student health record is maintained in accordance with professional and legal guidelines. Without the authorization of a signed release of information by the student, no part of the student’s health record will be disclosed. The exception to the standard of confidentiality occurs when a student is assessed by professional care provider to be a danger to him/herself or others.

Health Services provides lectures workshops, and presentations on topics relevant to the health needs of students as well as global health issues. Health Services works collaboratively with other disciplines; psychology and counseling, residential life, and campus ministries for a holistic management of care.

The Goal of Health Services is to provide the highest standard of care in accordance with evidence-based practice and facilitate the development of self-care and health maintenance skills unique to the individual student to achieve their goals and optimal level of wellness.

ID CARDS

Every student who wishes to borrow from the library, use the Hynes Athletics Center, receive student discounts or utilize other services must have a valid ID card with bar code label. This card will be recognized as long as the student is in good standing at Iona. The ID card can be obtained from the Campus Safety and Security Office located in LaPenta Student Union.

RESIDENTIAL LIFE

The Office of Residential Life, located in the La Penta Student Union, is designed to enhance and extend students’ classroom experience by promoting academic, social, cultural and personal growth in the residence halls. On-campus housing is available in Rice Hall, Loftus Hall, Conese and South Halls, and the Apartments at Eastchester.
Each hall is led by a resident hall director and resident assistant staff member who provide a safe and secure living environment and promote community development among residents. The halls also offer variations of the following amenities: single rooms, suites, apartments, kitchen, laundry facilities, game room, exercise room, study lounge, cable television, Iona Wireless Internet and a 24-hour security desk.

Iona College offers housing to students for their undergraduate career. A significant number of Iona students live off campus in private homes and apartments in the area.

THE OFFICE FOR OFF-CAMPUS HOUSING

The Office for Off-Campus Housing is located on the second floor of the Robert V. LaPenta Student Union. Students are strongly encouraged to work closely with this office in planning their transition from on-campus residents to off-campus students and New Rochelle community members. The office teaches students how to locate off-campus housing, educates students about off-campus needs and concerns, and establishes relationships with students, neighbors, and city officials to enhance the quality of life in our surrounding neighborhoods. The office acts in an advisory capacity and conducts educational seminars related to important issues for off-campus living. This office also serves as a resource for traditional commuter students.

SCHOOL CLOSINGS

Class cancellations due to inclement weather will be announced on the following stations and on the Iona website at www.iona.edu.

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STUDENT DEVELOPMENT

The Office of Student Development is responsible for the oversight and operations of the LaPenta Student Union and Gael Club, as well as Wellness programming, leadership and diversity initiatives, and maintenance and support of the more than 60 diverse student clubs and organizations on campus. The staff strongly encourages all students to enrich themselves through involvement in campus life, especially through accepting one of the leadership opportunities afforded through participation in a student club or organization. One of the goals of the office is to promote opportunities for faculty and students to further enhance relationships that develop in the classroom. Student activities encompass a wide spectrum of student interests from music, sports, media, to opportunities to participate as a student in academic and professional organizations. Students are empowered to develop on-campus events while working closely with the professional staff of the Office of Student Development. The staff works closely with many other departments on campus (e.g., Foreign Languages, English, Theatre, History, the Iona College Council on the Arts) to develop and coordinate “Experience New York City” trips, wellness opportunities, alcohol and drug education, multicultural initiatives, art exhibits, concerts, and a wide variety of other positive outlets for the creative self-expression of Iona students.
Facilities and Services

NEW ROCHELLE CAMPUS

Iona College’s main campus is located in New Rochelle, New York. Iona's major administrative offices, physical facilities and specialized services are provided at this location to support all academic and student service programs. All facilities are open during the College’s regular schedule of operations. A brief overview of these facilities and services is provided below.

Administrative Offices

Major administrative offices (Admissions, Registrar, Student Financial Services) are located in McSpedon Hall. The Office of Student Development is located in the Robert V. LaPenta Student Union. The Advancement Office is located at 91 Beechmont Drive. The offices of the Dean of Arts and Science are located in the Murphy Science and Technology Center. The offices of the Dean of the Hagan School of Business are in Hagan Hall. The offices of the President and Provost are located in McSpedon Hall.

Arts Center

The Iona College Arts Center houses the department of Fine and Performing Arts, its faculty offices, classrooms and studios dedicated to visual art, sculpture, music and dance. The Brother Kenneth Chapman Gallery is host to a variety of faculty, student, invitational and juried art exhibitions sponsored by the Iona College Council on the Arts. The Council, with an endowment from the Baron Lambert Fund for the Arts, established through the generosity of JoAnn and Joseph M. Murphy, sponsors artistic and cultural programs for the enrichment of the Iona College community.

Athletic Facilities

The Hynes Athletics Center houses the offices of the athletic director and coaches of intercollegiate teams. An arena, which seats 2,500 spectators for athletic events and more than 3,500 for concerts, is home for Iona basketball teams. Also in the Center are a swimming pool, aerobics/dance center, free-weight center, cardiovascular center, and other facilities.

Auditoriums

Auditoriums are located in Doorley Hall, Mulcahy Center, Ryan Library and the Joyce Auditorium in Murphy Science and Technology Center.

Bookstore

Books, stationery supplies, clothing, greeting cards, film, souvenirs and other items are available in the College Bookstore. The bookstore is located in La Penta Student Union. Students may sell used books back to the bookstore at any time during regular store hours. Students may purchase books online by going to the Iona College website, clicking on Current Students and proceed to the Bookstore website. The bookstore is open additional evening and weekend hours at the beginning of each semester.

Computing Facilities

The Information Technology division supports both academic and administrative computing activities throughout the campus. The campus network consists of 82 servers and 1,420 workstations. Six hundred twenty-five (625) of these workstations are available on campus for student use, half of the systems are dual boot iMac computers and the rest are Windows-based computers. These systems are in the libraries, public and departmental facilities. Each workstation supports various academic and administrative software, provides Internet access, and access to Iona College’s Library databases. Laser printers and multimedia capability are located in most laboratories. State-of-the-art projection systems and workstations are located in 67 classrooms. All classrooms in New Rochelle are equipped with access to the campus network and the Internet. Network connectivity is provided via wireless, category 5 & 6 wiring, fiber optic cable, a 10 Gigabit Ethernet Backbone and a 100 Mbit connection to the Internet.

The student computers on the New Rochelle campus are housed in 36 computing facilities and two campus libraries. Most facilities are connected to the campus backbone via a high-speed gigabit Ethernet connection. Two of these facilities are open 24 hours a day, seven days a week. Other facilities are open for approximately 16 hours a day during the week and 12 hours a day on the weekends. Departmental labs are open at the discretion of each individual academic department. The Rockland campus has two labs open six days per week.

Wireless connectivity is available throughout the campus to all students. All student residence halls are fully connected to the wireless network. Students need to purchase laptops and wireless cards to connect to the wireless network. Up-to-date details are available on the College’s website or by contacting the Ryan Help Desk on the New Rochelle campus. The Help Desk can be reached by calling (914) 633-2635.
Computing Software and Services
A variety of software packages are currently available in the computing lab facilities including Microsoft Office Professional, statistical analysis, graphics, programming languages and compilers, communications and discipline-related software.

E-mail is available to all students, faculty, administrators and staff at Iona College. E-mail services are MS live for students entering Fall 2011 or later and MS Outlook for students who entered prior to Fall 2011. A full range of Internet services, databases and electronic resources may be accessed from the computing laboratories and all networked campus locations. Computer users can visit Iona’s web site at www.iona.edu.

Students can view their financial aid package, schedules, grades, and transcripts via the web using PeopleSoft administrative software. They can also register for future terms and pay bills on-line. Detailed instructions on accessing the above services are available on the College website.

Technical assistance on hardware and software is provided to the students in the public laboratories via the Help Desk. E-mail may also be used to request information on computing related topics. Labs may be reserved by faculty for on-line demonstrations. Consultation services are available to faculty, staff and administrators at the Ryan Help Desk.

Computing Accounts
Computing accounts are available to all students, faculty, administrators and staff at Iona College. The accounts provide access to the College’s e-mail, network, administrative systems, the Internet, the Library’s electronic databases and to a variety of application software packages. Computing accounts are created for students at the time of their first registration and remain active while they are registered at the College.

PC Acquisitions
The IT department publishes recommended laptop specifications for students and provides virus protection software for all systems connecting to the College network. These specifications are published on the IT website. Students must install the virus protection software provided by the IT department to ensure the security of the College network. Computer systems and equipment for faculty and staff for departmental use must be purchased through PC Acquisitions: (914) 633-2651.

Dining Services
Vitanza Dining Commons, located in Spellman Hall, is open Monday-Thursday from 7:30 am - 2:30 pm, and 5:00 pm - 8:30 pm; and on Friday from 7:30 am - 2:30 pm. The LaPenta Student Union Snack Bar is open Monday - Sunday from 11:00 am until midnight. In addition to the Commons and Snack Bar, two Starbucks are located on campus at the Ryan Library and on the lower floor of the LaPenta Student Union Building.

Iona College Rockland Graduate Center
The Rockland Graduate Center is a full-service branch campus which offers graduate programs in business administration, public relations, computer science, educational leadership, teacher education, English and history.

Located in Rockland County, the campus can be reached conveniently from Westchester, Orange and Bergen counties and all areas of Rockland County, by major New York roadways.

The campus has its own administrative offices, computing facilities, library, faculty offices, student lounge and classrooms. For further information, contact:

Office of Graduate Admissions
Iona College
Rockland Graduate Center
Two Blue Hill Plaza
Concourse Level
Pearl River, NY 10965
www.iona.edu
e-mail: rockland@iona.edu
(845) 620-1350

Language Laboratory
The Department of Foreign Languages laboratory is located on the first floor of Doorley Hall (Rm. 114). It is equipped with 25 individual listening stations linked to a central console from which students can be monitored and helped as they listen to audio cassettes or CDs. Each of the 25 lab stations is also equipped with a computer, and computer software for language learning is available. The lab also has as a flat screen television for viewing films and videos. It is open 25 hours a week and is used by students in French, German, Italian, Japanese, and Spanish.
LIBRARY FACILITIES
The two campus libraries, Ryan Library and the Helen T. Arrigoni Library/Technology Center, house extensive collections and offer computer access to collections worldwide. The on-site collections, including more than 250,000 volumes, 700 periodical subscriptions, audiovisual materials, and microforms, have been developed to support Iona’s curriculum and special interests. With more than 80 electronic databases, students have online access to millions of articles from over 15,000 full text journals. These are readily available from on-or off-campus.

In addition, the libraries have 130 networked state-of-the-art workstations, as well as a wireless environment. There are more than 400 seats for group and private study, audiovisual viewing spaces, three multimedia classrooms, and a 200-seat lecture hall. In addition, Ryan Library has a seminar room and six group study/work rooms with technology-equipped hardware. Ryan Library is open approximately 99 hours a week and is staffed by library professionals who are experienced in providing individual and group research instruction. The Information Technology Help Desk is located in Ryan Library at the main desk where staff can assist students with software and hardware problems.

The library at the Rockland Graduate Center houses over 4,000 volumes and 40 periodical subscriptions. It is a wireless environment, and the electronic databases are readily accessible. Students also have access to all the resources at the main campus.

Reciprocal agreements with other libraries expand the libraries’ resources. Iona students are welcome at the New Rochelle Public Library, as well as at many other academic and public libraries in the region. Furthermore, the libraries’ Document Delivery/Interlibrary Loan Service can borrow materials needed by students from collections around the world.

MASS COMMUNICATION FACILITIES
The Iona College Department of Mass Communication is located in the Murphy Science and Technology Center. Its facilities include a television studio, control room, radio lab, a computerized media lab, a theatre for film and video, a departmental library, and video editing suite.

The department has a continually expanding collection of media-based software to complement its major programs. Advertising students are able to conduct sophisticated research using the seminal sources, such as Simmons Research Reports and Nielsen and Arbitron Studies.

MURPHY SCIENCE AND TECHNOLOGY CENTER AND AUDITORIUM
The Murphy Science and Technology Center houses classrooms, theaters and administrative and faculty offices. The Murphy Center is where the offices of the Dean of Arts and Science, Computer Science, and Mass Communication departments are located.

Two computer laboratories, a film/video theater, a radio laboratory, a theater workshop, a television studio and a Mass Communication Resource Center are located in the Murphy Center. A 349 seat auditorium is also in the Murphy Center.

PSYCHOLOGY LABORATORIES
Doorley Hall houses the Department of Psychology. Available to students and faculty for course-related experiments and projects are laboratories for the study of animal and human learning and perception, one-way mirror observation rooms, physiological biofeedback recording systems, and statistical on-line and off-line research facilities. Computer laboratories are available for experimentation, simulation and data analysis.

SCIENCE LABORATORIES
Science laboratories are housed in Cornelia Hall. They include student laboratories for laboratory classes as well as research facilities for faculty and student research.

The biology laboratories are equipped with teaching microscopes, Nikon E600 epifluorescent microscope with DSQ11 CCD camera and image analysis, automatic X-ray film processor with dark room, microtomes, embedding stations, automatic tissue processor, spectrophotometers (including UV), a deionizer for filtering water, luminometer, incubators, thermocyclers, basic molecular biology equipment including a gel-imaging system, a microbiology prep room with autoclave, -70°C deep freezer, laminar flow hood and tissue culture facilities, anatomical models, physiographs, ecology sampling equipment and student research facilities.

Among the instruments utilized in the chemistry laboratories are: FT-NMR Spectrometer (Anasazi); AA240 Atomic Absorption Spectrometer; Varian 2000/3900 Gas Chromatograph-Mass Spectrometer with NIST spectral search library; Fluoromax 4 Fluorescence Spectrometer; Attenuated Total Reflectance FT-Infrared Spectrometer with online spectral search library; and an Advanced Microscopy Laboratory consisting of Research Grade Inverted Microscope (Olympus) with 12 megapixel CCD camera (DP70) and computer, and two hydraulic micromanipulators with 3-D Joystick (Narishige) on a Newport VH3048 vibration isolation workstation.
The Physics Department maintains two laboratories for physics activities and a computer electronics laboratory. A small shop area is used for apparatus repair and fabrication. Available instruments include: a four-inch electromagnet; a Bausch and Lomb grating spectrograph; a Tel-X-Ometer x-ray spectrometer and a variety of lasers. A GCA McPherson 0.3 meter grating monochrometer and a Stanford Research Systems lock-in amplifier are used for research on optical properties of materials. A Nucleus Corporation gamma ray scintillation spectrometer, which is equipped for radon studies, is also used for research. The electronics lab contains stations fully equipped with Tektronix and Keithley instruments and a large assortment of microcomputers for interfacing studies. The department also has a remote observing workstation to access the NASA Infrared 3-meter telescope located on Mauna Kea in Hawaii.

**Speech and Language Hearing Center**
The Iona College Speech-Language Hearing Center is open five days a week. Senior undergraduate students conduct speech and language techniques under the supervision of several licensed and certified speech pathologists. The department owns materials for diagnosis and treatment of childhood speech and language disorders and houses a clinic on campus.

**Blessed Edmund Rice Chapel (Formerly St. Mary’s Chapel)**
Blessed Edmund Rice Chapel is the house of prayer for the Christian Brothers who live and work here at Iona. It is open for use to the college community through daily mass (noon, Monday-Friday) and other prayer services. Members of the College community are welcome to visit the chapel at any time during the day for quiet prayer. The chapel can be found on the north side of the campus, behind the Columba parking lot, adjacent to the Social Work House on Beechmont Drive.

**Theatres**
The theatrical productions of the Department of Fine and Performing Arts including the Iona Dance Ensemble and the Iona Theatre Ensemble are held in Murphy Auditorium, Romita Auditorium and Doorley Auditorium. Additional performances by the Iona Players and the Singers are held in Arrigoni Center and Doorley Auditorium. The Murphy Science and Technology Center houses a small film/video theater. The Gael club in Rice Hall is a hot spot for comedians, bands, jazz groups and other entertainment events. There are a number of co-curricular activities and on-campus art exhibits, cultural events and performances sponsored by the Iona College Council on the Arts, all of which contribute to the intellectual, cultural and social development of the student.
Admission to Undergraduate Programs

TRADITIONAL PROGRAMS

Traditional students primarily enter directly from high school or transfer directly from another college or university. Traditional students are generally, but not exclusively, in the age range of 17 to 23. Although there are some exceptions, most classes for traditional students meet three times per week for one hour and take place between 8:00 am and 4:30 pm.

Interested students are welcome to visit the campus, and an appointment is recommended. Generally, visiting students participate in a group information session followed by a group tour led by an Iona student. Individual information sessions or formal interviews are available after the tour. To arrange a visit, go to www.iona.edu/visit or contact the campus visit coordinator at (914) 633-2622 or (800) 231-Iona by e-mail at eenglish@iona.edu.

New freshman and transfer students are accepted for both the fall and spring sessions. Deadlines and other important dates are listed in the table below:

HOW IONA SELECTS FRESHMAN APPLICANTS

Iona College seeks individuals who want to be ethical and skilled decision-makers and are motivated to leadership and service. We select freshmen based on a competitive high school curriculum, grades in academic subjects, SAT/ACT scores, class rank, extracurricular experiences, and essay. Personal characteristics and potential to succeed are highly valued.

To be a realistic candidate for admission, an applicant should have taken a strong college preparatory curriculum that includes at least 16 units. Generally, this will include the following, but may vary by individual:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes:
* Both units of a foreign language should be in the same language.
** The science curriculum should include two laboratory sciences.

<table>
<thead>
<tr>
<th>Type of Application</th>
<th>Deadline</th>
<th>Decisions Mailed</th>
<th>Deposit Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Admission</td>
<td>February 15*</td>
<td>by April 1</td>
<td>May 1*</td>
</tr>
<tr>
<td>Early Action</td>
<td>December 1</td>
<td>late December</td>
<td>May 1</td>
</tr>
<tr>
<td>Fall Transfers</td>
<td>August 1*</td>
<td>Rolling</td>
<td>Indicated in Letter</td>
</tr>
<tr>
<td>Spring Freshmen</td>
<td>December 20*</td>
<td>Rolling</td>
<td>January 10*</td>
</tr>
<tr>
<td>Spring Transfers</td>
<td>December 20*</td>
<td>Rolling</td>
<td>January 10*</td>
</tr>
</tbody>
</table>

* Applications will be accepted after these dates as space is available. Please contact the Office of Admissions for more information.
In order to be considered as a freshman, a student must submit the following information:

1. An application for admission accompanied by the $50 application fee payable to Iona College.
2. Official high school transcripts.
3. A School Report Form, completed by the applicant's guidance counselor.
4. SAT or ACT scores.
5. An essay.

APPLYING AS A TRANSFER STUDENT

Definition: A transfer is a student who has previously attended another college as a full-time student or has accumulated 24 or more credits as a part-time student. A cumulative grade point average (GPA) of 2.5 is expected for regular admission.

(Special program requirements: for entry into the Education program, a 3.0 GPA is required; for pre-medical, pre-dental, pre-physical therapy and pre-veterinary programs, an overall GPA of 3.0 is required, with a 3.2 in science courses.)

To apply as a transfer student, an applicant must submit the following documents:

1. An application for admission accompanied by the $50 application fee payable to Iona College. Apply online at www.iona.edu/apply.
2. Official transcripts from all colleges previously attended (course descriptions may be required before transfer credit can be officially awarded).
3. An official high school transcript, and, if an applicant has attempted fewer than 24 college credits, submission of SAT or ACT scores is required. If a GED was obtained, an official copy of the certificate and results are required.
4. A brief statement about the reason for transfer. The full essay may be required in some circumstances.
5. International students with previous college experience have additional requirements outlined in the International Student section. Admissions deadlines outlined in that section are for freshman applicants only.

Upon acceptance, a student must schedule an appointment with an adviser in the appropriate school (the School of Arts and Science or the Hagan School of Business.) Each student will receive a written evaluation of credits accepted for transfer after all official transcripts have been received and reviewed.

Note: Veterans of the United States Armed Forces should also submit a copy of their Separation Qualification Record, showing service training and schools completed.

INTERNATIONAL STUDENTS

Definition: An international student is neither a US citizen nor a permanent resident of the US (green card holder).

Deadline: February 15 for the fall semester, November 1 for the spring semester.

Iona College welcomes international students, and currently enrolls students from more than thirty countries. Many international students enjoy the College’s proximity to New York City and the educational and cultural opportunities available there.

The following documents must be submitted to complete the application process:

1. Complete application (either on paper or on-line) accompanied by the $50 application fee, payable in US dollars.
2. Results of an English proficiency examination. Students whose secondary studies were conducted in a language other than English must provide the results of either the Test of English as a Foreign Language (TOEFL) (www.ets.org/toefl), or the International English Language Testing System (IELTS). Students who take the TOEFL must achieve a score of 80 on the internet-based test iBT; a score of 213 on the computer-based test; or a score of 550 on the paper-based test. Students who take the IELTS must achieve a score of at least 6.5. If English is the applicant’s first language, submit SAT or ACT scores. (NOTE: All applicants interested in participating in the intercollegiate athletics must supply results of SAT or ACT.
3. Official transcripts, mark sheets, external examination results or leaving certificates (such as “O” or “A” levels, CXC’s, Baccalaureate, WAEC’s, or Abitur) or other academic documents for both secondary school and any colleges or universities attended. These documents should be in the original language and accompanied by an English translation performed by an official translator or by the institution issuing the document.
4. Transfer students must have college or university level documents evaluated on a course-by-course basis by one of the evaluation services recognized by NACES (www.NACES.org). World Education Services (www.wes.org) is preferred.
5. An application for Form I-20, an Iona College form that supplies the information required to issue an I-20. This includes information about how the student will pay for his or her education at Iona.
For more information about the admission or visa application processes, please contact the international student adviser in the Office of Admissions at (914) 633-2502 or (800) 231-IONA.

TRANSFER POLICIES

The following policies apply to all transferring students seeking admission to baccalaureate degree programs. The Dean’s Office of the respective schools assists students in planning programs that allow students to graduate in the shortest period of time.

A maximum of 64 credits may be accepted upon transfer from all combined accredited two-year institutions and training programs. A maximum of 90 credits in total may be accepted in transfer from all combined accredited two- and four-year institutions and training programs. In all instances, transcripts will be evaluated on a course-by-course basis by the respective Dean’s Office for the most beneficial use of credit.

Policies are as follows:
1. All transferring students must fulfill the Philosophy and Religious Studies requirements of the Liberal Arts Core.
2. All transferring students must complete at least one half of their major credits while at Iona College.
3. All transferring students must complete the specific degree requirements of the major including all pre- and co-requisites.
4. All transferring students to Business programs must complete the major and the Business Core.
5. Transferring students who have completed their entire AA or AS degree from an accredited institution and have also earned a cumulative GPA* of 2.5 will have satisfied the Liberal Arts Core.
6. All transferring students from an accredited four year institution, who have also achieved a cumulative GPA* of 2.5, and who will have at least 60 credits transferred to Iona College, will have satisfied the Liberal Arts Core.
7. All transferring students who have earned credit in a form other than that from an accredited two- or four-year institution (for example, CLEP, ACE, PONSI, and others) will receive credit appropriate to their academic program as evaluated by and at the discretion of the respective Dean’s Office.**

* Cumulative GPA (grade point average) is assessed as the average of all previous grades earned and evaluated from all institutions.

** Additional and specific policies related to transferring students may be found in the individual Dean’s offices.

FALSIFICATION OR OMISSION OF DOCUMENTS

Falsification, misrepresentation or omission of any part of the application is grounds for denying admission. If a student has been accepted, enrolled or graduated based upon false, misrepresented or omitted information, it may lead to suspension or dismissal from the College or revocation of the person’s Iona College degree.

GENERAL EDUCATIONAL DEVELOPMENT DIPLOMA (GED)

Iona College will occasionally admit students with a General Educational Development (GED) Diploma. Students submitting a GED should have a score of at least 500 in each section, and an overall score of 2800.

Students submitting a GED diploma must do the following to apply for admission:
1. Submit official GED diploma and score report.
2. Submit official transcripts from all high schools attended, even though no diploma was earned.
3. If applying as a freshman, submit SAT scores. Students with fewer that 24 college credits must also submit SAT scores.
4. Write an essay that describes why s/he did not achieve a regular diploma and why s/he is now ready to enter college. If the student has been out of school for some time, the essay should include a job history and a statement of career goals.
5. Arrange for an interview with a member of the Admissions staff.

NOTE: Unless home-schooled, students with GEDs will rarely be admitted during the year they would have graduated from high school, unless there are extraordinary circumstances. Those circumstances should be addressed in the essay and interview.

READMISSION OF IONA STUDENTS

If a student has not registered at Iona for at least one academic year, the student shall:
1. File an application for readmission in the appropriate Dean’s Office.
2. Upon notification from the Dean’s Office, schedule an appointment with an adviser to discuss current requirements. Procedures vary according to the conditions under which a student discontinued studies. Generally students who are readmitted to the College are required to observe the core, degree, and major requirements in effect at the time of readmission.
3. Readmission deadlines are May 1 for the summer, August 1 for the fall, and December 1 for the spring term.
4. Submit proof of immunization (see Immunization Requirements).
IMMUNIZATION REQUIREMENTS

New York State Public Health Law requires certain immunizations for all college and other post-secondary students born after January 1, 1957. In order to attend classes, all students must provide proof of immunity against measles, mumps, and rubella. Proof may be from physician records, previous school records, or serological testing.

New York State recently passed a law requiring all students attending college to (1) receive the Menoumune (Meningitis) vaccine, (2) provide prior proof of vaccination (must be from health care practitioner), OR (3) sign a waiver to decline the meningitis vaccine. All Iona College students must comply with this law.

Contact Health Services at (914) 633-2548 for more information regarding these requirements.

SPECIAL ADMISSION CATEGORIES

**Active Members of the Armed Forces**

Iona College is a Service Members’ Opportunity College (SOC) and will evaluate learning gained through military experiences and award academic credit where applicable to the service member’s program of study at the College. For information about this service, contact the Admissions Office at (914) 633-2502 or admissions@iona.edu.

**Veterans**

Qualified applicants who have postponed or interrupted their college education due to military service are invited to enroll. The VITAL (Veteran’s Iona Transition Academic Link) program offers financial aid with counseling and academic advisement. For information about this service, contact the Office of Admissions at (914) 633-2502 or admissions@iona.edu.

**Visiting Students**

Students who wish to take selected courses but not apply for a degree or certificate program may take classes as visiting students. Credits taken in this status may be applied toward a degree or certificate program if the student is admitted to such at a later date at the discretion of the appropriate Dean’s Office. A maximum of 30 credits may be taken as a visiting student. Application is made through the Office of Admissions.

To take courses as a visiting student, applicants must submit the following:

1. An application for admission as a visiting undergraduate student and the required fee.
2. An official high school transcript showing a diploma awarded or GED Diploma.

Permission to register each semester as a visiting student must be granted by the Dean’s Office.

REGISTRATION PROCEDURES

Course offerings are available on-line on Iona’s web site, www.iona.edu/Registrar. Registration for continuing students is on-line and also available in person Advance registration for enrolled undergraduate students usually begins in October for the spring semester, winter and spring trimesters, and in February for the fall semester and trimester. Registration priority is by class standing (credits earned). The Registrar sends e-mail notification to students to inform them of their appointment times for on-line registration. Instructions for viewing appointments and registering after being advised are available on the website. The Office of Student Financial Services bills students after the advance registration period.

Office hours for the registrar are 8:00 am – 5:00 pm, Monday through Friday, and Tuesday evening until 6:30 pm.
Financial Information
2014-2015

The tuition and fee schedule is established for the academic year beginning with the summer session and ending with the spring semester. The schedule is reviewed each spring. Changes for the next academic year are announced with the publication of the Undergraduate Catalog for that year. This schedule of fees is applicable only to the 2014-2015 academic year.

Iona College reserves the right to alter its schedule of tuition and fees after due notice as determined by the Board of Trustees.

TUITION AND FEES

TUITION

School of Arts and Science and Hagan School of Business—Day Programs
- Full-time (per semester) ........................................ $15,940
- Part-time (per credit) ................................................. $1,060

PROGRAM/STUDENT SERVICE FEES
- Full-time day, 12 credits or above (per semester) ................. $1,075
- Day students taking 7-11 credits (per semester) ...................... $810
- Day students taking 0-6 credits (per semester) ....................... $540
- CAP Program (summer) ........................................... $800
- CAP Program (per semester) ...................................... $1,770

Note: Full-time students are those enrolled in 12-18 credits in any given semester. They are assessed full-time tuition and fees.

Part-time students are those enrolled in less than 12 credits. They are assessed the per-credit hour tuition rate and appropriate fees.

Full-time students ordinarily enroll in five courses per semester. They may enroll in a sixth course with permission from their academic dean. The additional charge over 18 credits will be the per credit hour rate in place at the time the course is taken.

Undergraduate Program for Returning Adult Students (Trimester)—Professional Studies Program (Not accepting new students)
- Tuition (per-credit) .............................................. $905
- Program/Student Service fee (per term) ....................... $245

SPECIAL SESSIONS
- Tuition (per credit) Summer Session-2013 ......................... $800
- Tuition (per credit) Winter Intersession ........................ $800
- Program/Student Service fee (per session) ..................... $80

ROOM AND BOARD
- Room and board (per year) ................................... $13,570
- Room and board Residence Inn (per year) ........................ $13,488
- Cable and telephone charge (per year) ........................ $310
- Dorm damage deposit .............................................. $250

OTHER CHARGES
- Admission deposit* ................................................ $400
- Late payment charge ............................................... $105
- Returned check charge ............................................ $50
- Maintain Matriculation ............................................... $25
- Maintain Thesis ..................................................... $100
- Course audit.......................... Cost of one credit hour
- Freshman orientation fee ........................................... $200

*Credited to the student account as payment toward tuition and fees.

TUITION PAYMENT POLICY

A student incurs a legal obligation to pay tuition at the time of registration. The student may only be released from this payment obligation if he/she notifies the College in writing of his/her intention not to attend the registered courses prior to the first day of the term in which the course is offered.

All tuition and fees are payable in full by the stated due date. For undergraduate semester students this date is approximately one month before the start of the fall and spring semesters. The College reserves the right to deny registration to any student who cannot demonstrate adequate financial means (this can include financial aid and employer deferment plans) to pay their tuition and fees.
For returning adult students in the trimester programs, payment is due at the time web registration closes for the term.

For all students registering for Summer Session and January Intersession classes, tuition and fees are due at time of registration.

Personal checks are welcome and should be made payable to Iona College and include the student's ID number. Visa, Mastercard, Discover and American Express credit cards are accepted, and payment may be made on-line 24 hours per day through the student's Peoplesoft account.

Many forms of financial assistance are available to eligible students at Iona College. Contact Student Financial Services at (914) 633-2497 for more information. Students receiving financial aid may defer tuition payment up to the amount awarded.

BILLING
All billing is accomplished electronically with e-bill notification delivered to the student's Iona College e-mail address when charges are initiated or revised. Students are responsible for monitoring their student account transactions in PeopleSoft for charge activity between billing cycles, and to make timely payments as necessary.

EMPLOYER TUITION-REIMBURSEMENT POLICY
Iona College will allow a student to defer payment of tuition until 30 days after the grades are due for that term if the student is taking advantage of a tuition-reimbursement program offered by his or her employer. To be eligible for this tuition deferral, the student must comply with the following conditions by the time of course registration:

1. Provide a letter from the student’s employer clearly stating: (a) the terms of the employer’s tuition reimbursement program, and (b) the student's eligibility for the program.
2. Complete and return (to the Office of Student Financial Services) Iona College’s employer tuition-reimbursement form.
3. Pay a $50 administrative fee.
4. Pay any tuition, fees or other charges not covered by the employer’s reimbursement policy (e.g., if the employer pays 80 percent of tuition, the remaining 20 percent is due at registration).
5. Not have a student account balance outstanding from a prior term.

Regardless of participation in this program, the responsibility for tuition payment remains that of the student. Iona College reserves the right to deny participation in this program to any student who has been delinquent in his or her tuition payments in the past. Students who participate in the employer tuition-reimbursement program and do not make payment by the deadline (i.e., 30 days after the grades are due for that term), will not be allowed to participate in the program in future terms.

The Student must renew all employee deferment paperwork for each term in which he/she enrolls.

For more information visit www.iona.edu/admin/sfs/sa/payment/deferred.cfm

DELINQUENT ACCOUNTS
If a student account is delinquent (has a balance outstanding after the due date) the College will not provide the student with a transcript of record, grades, letter of recommendation, or diploma/degree certificate. In addition, the student will be prevented from registering for future semesters until the financial obligation has been settled in full. The College reports delinquent payment status to credit reporting bureaus. The student will be responsible for paying all legal fees, collection costs and charges necessary for the collection of any amounts not paid when due. By registering for courses, a student incurs a legal obligation to pay tuition and fees. All or a portion of this obligation may be waived if the student notifies the College in writing of his/her intention not to attend or to withdraw from a course of study in accordance with the College’s refund policy.

REFUNDS AND REPAYMENTS OF TITLE IV FUNDS
(Title IV funds include Federal Pell Grants, Federal Stafford Loans, Federal PLUS Loans, Perkins Loans, Federal Supplemental Education Opportunity Grants and other Federal awards and loans.)

If a recipient of Title IV funding withdraws before completing 60 percent of the aid payment period (or period of enrollment), the institution must calculate the amount of Title IV aid the student did not earn. The amount of unearned aid equals the difference between Title IV aid that was distributed or could have been distributed for the payment period and the amount of Title IV aid that was earned. For additional information, contact the Student Financial Services Office.
For more detailed information on the process and implications of withdrawals, please visit the college website and navigate as follows: Quick Link to Student Financial Services, then select Student Accounts, and then Withdrawals, Drops, and Refunds.

**IONA COLLEGE REFUND POLICY**

Students may be eligible for a tuition adjustment/credit if the student drops or withdraws from a course prior to or during the refund period. Fees are non-refundable. A drop refers to the student notifying the College (in writing) of his/her intent not to attend a course prior to the start of the term or session. An official drop releases the student from any tuition liability. Notification (in writing) received by the College after the start of the term or session is considered a withdrawal and adjustments/credits in tuition are as follows:

**REFUND POLICY (TUITION ONLY):**

| Regular Session (fall, and spring semesters, and fall, winter and spring trimesters) |
|---------------------------------|---------------------------------|
| Receipt of Notification in writing by the College Dean’s Office | Percentage of Tuition Credit |
| Before the first day of term | 100% |
| 1-7 - From the first day of the term to the 7th day of the term (Including Saturday and Sunday) | 75% |
| 8-14 - From the 8th day of the term to the 14th day of the term (Including Saturday and Sunday) | 50% |
| 15-21 - From the 15th day of the term to the 21st day of the term (Including Saturday and Sunday) | 25% |

<table>
<thead>
<tr>
<th>Summer Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipt of Notification in writing by the College Dean’s Office</td>
</tr>
<tr>
<td>Before the first day of the session</td>
</tr>
<tr>
<td>1-7 - From the first day of the session to the 7th day of the session (Including Saturday and Sunday)</td>
</tr>
<tr>
<td>8-14 - From the 8th day of the session to the 14th day of the session (Including Saturday and Sunday)</td>
</tr>
</tbody>
</table>

| Intensives (Including Winter Intersession) |
|---------------------------------|---------------------------------|
| Receipt of Notification in writing by the College Dean’s Office | Percentage of Tuition Credit |
| Up until the first day of term | 100% |

* Students withdrawing from a course will receive a grade of “W” for the respective course. The course will be part of the student’s official record of transcript, but will not be considered in the student’s overall cumulative average. Students receiving a “W” for a grade will still be liable for the tuition charges associated with that course.

**TUITION PAYMENT PLANS**

Iona College helps students avoid lump sum payments due at the beginning of each academic term by spreading the student account balance into equal monthly installments payable over the course of the term.

More specific information is available online at www.iona.edu/studentaccounts.

**TUITION INSURANCE PLAN**

Iona College is pleased to offer the Tuition Insurance Plan as an option for students and parents. We recommend that you avoid the risk of losing the college funds you worked so hard to secure. If you withdraw from classes because of a personal injury, sickness, or mental health condition, this plan will return 90% of your insured term tuition or tuition, room and board charges.

Please visit www.iona.edu/tuitioninsurance.

**FINANCIAL AID**

**FINANCIAL NEED**

The financial aid program at Iona assists students who would be unable to pursue an education without some economic assistance. Matriculated students either accepted for admission or in attendance who demonstrate financial need and academic potential are eligible to be considered for financial aid. Financial need is the difference between the total cost of attendance (which includes tuition, fees, books, supplies, room, board, transportation and a minimal amount for personal expenses) and the resources that the student or student’s family can be expected to provide. This need is computed by filing the Free Application for Federal Student Aid (FAFSA). To be considered for any and all financial assistance, including institutional money, the FAFSA form must be completed by April 15 for each academic year. Failure to have an official FAFSA on file by our April 15 deadline will result in the loss of any institutional dollars awarded.
Typical budgets used in determining financial need for full-time students are as follows:

<table>
<thead>
<tr>
<th></th>
<th>Commuters</th>
<th>Residents</th>
<th>Off Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$31,880</td>
<td>$30,670</td>
<td>$30,670</td>
</tr>
<tr>
<td>Fees</td>
<td>$2,150</td>
<td>$2,150</td>
<td>$2,150</td>
</tr>
<tr>
<td>Books</td>
<td>$1,500</td>
<td>$1,500</td>
<td>$1,500</td>
</tr>
<tr>
<td>Room and board</td>
<td>$2,000</td>
<td>$13,570</td>
<td>$6,500</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,100</td>
<td>$600</td>
<td>$600</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1,250</td>
<td>$1,250</td>
<td>$1,250</td>
</tr>
</tbody>
</table>

The costs above are subject to change depending upon circumstances. All items, except tuition and fees and room and board for on-campus housing, are estimated.

**APPLICATION PROCEDURES**

Iona attempts to assist the largest possible number of qualified students with its limited resources. Students seeking financial aid consideration are required to complete and submit the Free Application for Federal Student Aid (FAFSA) by our April 15 deadline. An official FAFSA must be received by Iona by the deadline. Please note that a “Rejected” FAFSA is not considered an “Official” FAFSA. Students who do not have an official FAFSA on file by the deadline will not receive their Iona merit and/or need-based awards.

Students enrolled at least half-time as matriculated students in an approved degree or certificate program may qualify for federal and/or state aid. The New York State Tuition Assistance Program (TAP) is available to matriculated students who are New York State residents taking at least 12 credits per semester or eight (8) credits per trimester. Students wishing to defer payments of tuition based on anticipated financial aid are encouraged to file the necessary forms as early as possible, but no later than six to eight weeks prior to registration.

Estimates of federal and state aid may be deducted from the amount owed to the College only if you have a financial aid package on PeopleSoft. Since eligibility criteria change annually and because processing may take up to ten weeks, applicants are encouraged to file all applications as early as possible and are urged not to determine that they are ineligible for a program without applying and receiving official notification from the administering agency or from Iona College.

Usually awarded on a yearly basis, financial aid is not automatically renewed. Annual reapplication is required by the deadlines established and published each year by Student Financial Services.

Financial Aid is awarded in three forms: “gift” aid (scholarship and grants), loans, and part-time employment. Students who are citizens or permanent residents of the United States and who are enrolled for at least six credits as a matriculated student in a degree program are eligible to apply for consideration.

Applicants who file the FAFSA on time will be considered for all available funds administered by Iona College. This includes Iona College scholarships and grants, as well as federal and state campus-based programs.

**VERIFICATION**

The Department of Education randomly selects a certain percentage of applications each year for schools to verify that the data provided on the FAFSA application is accurate. Students and parents who filed their 2013 IRS tax return are able to use the IRS Data Retrieval Tool (DRT) on the Free Application for Federal Student Aid (FAFSA). The IRS Data Retrieval transfers your 2013 IRS income tax information directly to your FAFSA. The best way to verify income is by using the IRS Data Retrieval Tool. This option streamlines the processing of your application and avoids unnecessary delays in constructing your aid package. In addition, you will need to complete the verification worksheet. Students and parents who do not use the DRT option will need to submit copies of their IRS Tax Transcript for the prior year federal income tax returns. Upon receipt of the required materials, we will finalize the review of your application for financial aid.

If you are a new student and have been selected for verification, your offer of assistance is tentative, pending the completion of the verification process. If you are a continuing student, you will not receive a financial aid award notification email until the verification process is complete. If the documentation is not received by the established deadline, your offer of financial aid will be cancelled.

If the verified financial information differ from the original information provided on the FAFSA, your aid may be adjusted. Please be sure to respond to requests for follow-up documentation in a timely manner to avoid delays in applying your financial aid as a credit to your student account.

**MERIT AWARDS/SCHOLARSHIPS**

Iona College maintains a policy of non-discrimination on the basis of national or ethnic origin, race, creed, color, sex, religion, or handicap in all its financial aid programs, employment practices, policies and procedures.
Funding for Iona scholarships and grants is provided from College resources. Scholarships and grants vary in value and may be used to cover tuition only. Scholarships and grants are available for full-time matriculated day students enrolled in the fall and spring semesters. They are not awarded for studies during intersession summer sessions. You must file the FAFSA for consideration of Iona grants and scholarships each year by the required April 15 deadline. Other institutionally-sponsored aid is also available to students who have prowess in athletics or other areas of competition.

Please note that the total amount of tuition-related aid a student receives cannot exceed the total cost of tuition. This tuition-related aid includes, but is not limited to, alumni grants, sibling awards, athletic scholarships, TAP, Pell and outside scholarships.

OTHER AVAILABLE SCHOLARSHIPS

To apply for any of the scholarships listed below please complete the Endowed Scholarship Application and return it to Mary A. Grant, Director of Financial Aid at mgrant@iona.edu. The application is available online at http://www.iona.edu/admin/sfs/finaid/endowedscholarship.cfm. The scholarships listed below are not awarded until October of each year. Depending on funding and scholarship criteria, Iona College endeavors to award these scholarships to the same student for four years.

**Paul Bijiou '73 Endowed Scholarship**
Awarded to a full time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have completed at least 3 semesters at Iona with a cumulative gpa of at least 3.0, maintain a minimum 3.0 gpa, have shown leadership ability as demonstrated through academic awards, leadership position on campus or professional organizations or other recognition and complete their baccalaureate in no more than 5 years.

**Richard & Maureen A. Biondi Endowed Scholarship**
Awarded to a full time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have a 3.0 cumulative high school average, maintain a minimum 3.0 cumulative gpa at Iona, have shown interest in the service of others and complete their baccalaureate in no more than 5 years.

**The Nicholas J. Campbell Endowed Scholarship**
Awarded to an undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have completed 12 college credits, maintain a minimum 3.0.

**The Dominic J. Carbone Endowed Scholarship**
Awarded to students majoring in accounting in their senior year. Recipients must demonstrate strong unmet financial need, maintain a minimum 3.50 cumulative GPA, and demonstrate the highest ideals of the Iona Community and the Hagan School of Business.

**The Chase Foundation Scholarship**
A scholarship awarded to students majoring in finance. Recipients must demonstrate strong financial need as determined by the FAFSA, demonstrate proven academic achievement at the secondary school level, maintain a minimum 3.0 cumulative GPA, and be residents of the Northeast.

**The Con Edison Endowed Scholarship**
This scholarship is awarded to students who have achieved and maintain a 2.5 GPA and show financial need.

**The Frances & Frank Conese Endowed Scholarship**
This scholarship is awarded to a Hagan student who has achieved and maintained a 2.5 gpa. Students must demonstrate a commitment to the study of business and show financial need as determined by the FAFSA. Must also be a first generation college student.

**The Arthur J. Crames Endowed Scholarship**
This scholarship is given to those students whose parent(s) are active or deceased New York City police officers, New York City firefighters, or New York State police troopers. Preference will be applied in the following order: first priority is to children of those who have been disabled or killed in the line of duty; second, to children of active line officers who have died of natural causes; and third, to children of any active line officer serving in the three above-named organizations. In addition, recipients should demonstrate financial need as determined by the FAFSA and academic achievement.

**Crew Team Scholarship**
Awarded to a full-time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have a 2.50 overall cumulative high school average, maintain a minimum 2.50
cumulative GPA at Iona, have shown interest in the service of others and complete their baccalaureate in no more than 5 years.

**The Jane & Clement J. DeMasi, MD '57 Endowed Scholarship**

This scholarship is given to full-time, undergraduate Pre-Med majors who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved during high school and subsequently maintain a 2.50 cumulative GPA during their tenure at Iona. Must complete their baccalaureate degree in no more than 5 years.

**The DeFeo Family Endowed Scholarship**

This scholarship is awarded to full-time, undergraduate students who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved during high school and subsequently maintain a 3.50 cumulative GPA during their tenure at Iona and complete their baccalaureate in no more than 5 years. The recipient(s) must show leadership ability and/or commitment to “excellence” as demonstrated through academic awards, leadership position in academic or professional organizations, or other recognition (e.g. letters of reference).

**The Herman & Henrietta Denzler Endowed Scholarship**

This scholarship is given to full-time, undergraduate students who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved a 2.75 GPA during high school and subsequently maintain a 2.50 cumulative GPA during their tenure at Iona. The recipient must have attended a New York Metro Area Catholic High School – first preference given to Christian Brother Schools. Must complete their baccalaureate degree in no more than 5 years.

**Class of ’57 Deserving Students Scholarships (DSS)**

This scholarship is given to full-time, undergraduate accounting majors who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved during high school and subsequently maintain a 2.75 cumulative GPA during their tenure at Iona. Must complete their baccalaureate degree in no more than 5 years.

**The Kenneth Dolan Endowed Scholarship**

Established in 1990 in memory of Kenneth Dolan, class of 1989, this scholarship is awarded to an incoming freshman from Brooklyn, NY. Once a student is selected, he/she will receive this scholarship for a maximum of four years if the following requirements are met: recipients must demonstrate unmet financial need as determined by the FAFSA, maintain a 3.0 GPA, and participate in the Annual Kenneth Dolan Memorial 5K Run activities each June. Preference will be given to Irish-Americans.

**The John F. English Endowed Scholarship**

This scholarship is awarded to a senior student from the five boroughs and Nassau County who is majoring in liberal arts and demonstrates strong financial need as determined by the FAFSA, as well as superior academic achievement at the secondary school level. Recipients must maintain a 3.0 cumulative GPA in their studies at Iona. Candidates must also submit a short essay of 150-200 words using the theme “Where I am Going” and be personally interviewed by a member/members of the scholarship committee.

**The Ronald Federico Memorial Scholarship**

This scholarship is awarded to students who are declared social work majors. Recipients must be in good standing with Iona, demonstrate both an academic and skills-based aptitude for generalist social work practice upon degree completion, and articulate the nature of their financial need for the award. Once gainfully employed, recipients agree to make a single contribution (which need not be equivalent to the amount of award received) to the Ronald Federico Memorial Fund, so that the fund can continue to help future needy students.

**The Beatrice and John Flaherty Endowed Scholarship**

This scholarship is given to full-time students who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved during high school and subsequently maintain a 2.5 cumulative GPA during their tenure at Iona.

**The Patrick J. Foley ’57 History Endowed Scholarship**

Established through the generosity of Patrick J. Foley ’57, this scholarship is awarded to a student majoring in history or political science who has demonstrated academic excellence at the secondary school level as well as unmet financial need as determined by the FAFSA. Recipients must maintain a 3.0 cumulative GPA.

**The Forster Endowed Scholarship**

Awarded to a Hagan student who is majoring in accounting, the scholarship benefits a student who has achieved and maintained a cumulative 2.5 GPA and shows financial need as determined by the FAFSA.
The John P. Gill Endowed Scholarship
Funded through the generosity of John P. Gill '56, this scholarship awards approximately $1,900 per year to an undergraduate business student whose father is deceased. Recipients must show strong financial need as determined by the FAFSA and maintain at least a minimum 3.0 cumulative GPA.

The Robert '79 and Julia '79 Greifeld Endowed Scholarship
This scholarship is awarded to students who have achieved a 2.5 GPA prior to their tenure at Iona College. Students must maintain a 3.0 cumulative GPA while at Iona and show financial need as determined by the FAFSA. Students must qualify and participate as athletes in the College's Track and Field Program.

The Joel A. Halpern Memorial Endowed Scholarship
This scholarship is awarded annually to a member of the incoming freshman class. Criteria for the receipt of this scholarship include academic achievement and high financial need as determined by the FAFSA. Preference will be granted to Westchester County residents.

The William Randolph Hearst Endowed Scholarship
This scholarship is awarded to promising, economically disadvantaged first-generation college students from New York City and Westchester County for which financial assistance is essential to remaining in school.

Hennessey Endowed Scholarship
Awarded to a full-time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have at least an 80 average in high school, maintain a minimum 2.50 cumulative GPA at Iona, have shown interest in the service of others and complete their baccalaureate in no more than 5 years. Preference given to graduates of All Hallows High School.

IBM Minority Student Endowed Scholarship
Awarded to a full-time undergraduate minority student in the Hagan School of Business.

The Mary and Anna Hannah Kane Pre-Medical Memorial Scholarship
This scholarship is awarded to a student enrolled in Iona's pre-medical program who demonstrates academic excellence as well as unmet financial need as determined by the FAFSA. Recipients must also show academic achievement at the secondary school level and maintain a 3.0 cumulative GPA in their studies at Iona College. Preference will be given to females of the Catholic faith.

The Jeffrey Kahn Scholarship
This scholarship is awarded to full-time undergraduate students who demonstrate high unmet need as determined by the FAFSA. Recipients must live in the 5 boroughs of New York City.

The Raymond J. Kiernan '52 Endowed Scholarship
This scholarship is awarded to full-time Catholic undergraduate students of Irish descent. Must be enrolled in the Hagan School of Business and have unmet need as determined by the FAFSA. Recipients must maintain a cumulative GPA of no less than 3.0 and complete their baccalaureate in no more than 5 years.

Michael Landgrebe Endowed Celtic Scholarship
Awarded to a full-time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have a 2.50 overall cumulative high school average, maintain a minimum 2.50 cumulative GPA at Iona, exhibit a high level of personal motivation and determination such as displayed by the amount of work and extra effort expended to passing grades and complete their baccalaureate in no more than 5 years. Preference given to graduates of All Hallows High School.

The Owen F. Leonard '67 and Patricia N. Leonard Endowed Scholarship
This scholarship is awarded to students who have graduated from St. Thomas Aquinas High School, have demonstrated financial need as determined by the FAFSA, and achieved and subsequently maintain no less than a 3.0 cumulative GPA.

The Jean-Claude Lovinsky Memorial Endowed Scholarship
This scholarship is awarded to full-time undergraduate students who demonstrate unmet need as determined by the FAFSA. The recipient must also have achieved a 2.50 GPA during high school and subsequently maintain a 2.50 cumulative GPA during their tenure at Iona and complete their baccalaureate in no more than 5 years. Preference will be given to students who are of Haitian or other Caribbean island descent (1st priority) or of African-American descent and demonstrate true humanitarian character, as exemplified by Jean-Claude Lovinsky, through acts of charity, volunteerism, and/or participation in organizations that foster service to the community.

Adam Lynch Memorial Endowed Scholarship
Awarded to a full-time undergraduate student. Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), have a 3.0 cumulative high school...
average, maintain a minimum 3.0 cumulative GPA at Iona, resident of New York State and complete their baccalaureate in no more than 5 years. Preference given to students who voluntarily declare that they have a documented genetic hematological disability (for example sickle cell anemia, cancer, etc.)

**Gail & Al J. Maiolo ’64 Endowed Scholarship**
This scholarship is awarded to full-time undergraduate students who demonstrate unmet need as determined by the FAFSA. The recipient must also have achieved a 2.50 GPA during high school and subsequently maintain a 2.50 cumulative GPA during their tenure at Iona and complete their baccalaureate in no more than 5 years.

**The Patrick J. Martin ’62 Endowed Scholarship**
This scholarship is awarded to graduates of Cardinal Hayes High School who graduated with at least a 2.5 GPA. The recipients must be mathematics or computer science majors who achieve and maintain at least a 2.5 cumulative GPA during their tenure at Iona College. Students must show unmet financial need as determined by the FAFSA.

**The Maruna Internet Scholarship**
Vincent T. Pica ’75 has established the Maruna Internet Scholarship to financially assist men and women who are furthering their education at Iona College. In order to be eligible, a student must meet all of the following criteria:
1. Be an Iona College freshman who graduated from high school with no less than a 3.0 GPA and combined SAT scores of no less than 1150.
2. Show demonstrated need as determined by the FAFSA (Free Application for Federal Student Aid).
3. Submit an essay of no more than two pages stating reasons for wanting to study the Internet and the use of computers in his/her academic discipline.
4. Maintain at least a 3.0 GPA during his/her tenure at Iona.
5. Take a minimum of three courses in Internet instruction during his/her tenure at Iona.

**The Peter M. Marano ’55 Endowed Scholarship Fund**
This scholarship is awarded to full-time undergraduate students who are graduates of Cardinal Hayes High School. Recipients must demonstrate unmet as determined by the FAFSA and have achieved during high school and maintain during their tenure at Iona College no less than a 3.0 GPA. Must complete their baccalaureate in no more than 5 years.

**The Michael V. McCarroll ’73 Endowed Scholarship**
This scholarship is awarded to successful students who demonstrate a commitment to the study of accounting or finance. Students must achieve and maintain a 2.5 cumulative GPA and show financial need as determined by the FAFSA.

**The John J. McFadden ’49 Endowed Scholarship**
This scholarship is awarded to a Hagan student who exhibits academic excellence and demonstrates unmet financial need.

**The McNally Family Endowed Scholarship**
This scholarship is awarded to students who have demonstrated high academic achievement and whose families demonstrate mid-level financial need. Recipients must have achieved no less than an 85% average while in high school and received a combined average of 1100 on the SATs. Recipients must also maintain a 3.0 cumulative GPA.

**Victor Menezes Endowed International Scholarship**
This scholarship is awarded to students who are graduates of a Christian Brother Secondary School preferably located in India (1st preference), Asia, South America, Africa, Australia or Europe. Recipients must demonstrate financial need and who have achieved and maintained a cumulative GPA of no less than 2.5 during high school and their tenure at Iona College.

**The Charles E. Netsch Endowed Scholarship**
Created to honor the life and work of Charles E. Netsch, this scholarship is awarded to students who have demonstrated a need for financial assistance as determined by the FAFSA and who have achieved and maintained a cumulative GPA of no less than 2.5 during high school and their tenure at Iona College.

**The Brother Robert E. Novak Endowed Rowing Fund**
This scholarship is awarded to full-time, undergraduate students who demonstrate financial need as determined by the FAFSA. Recipients must also have achieved during high school and subsequently
maintain a 2.50 cumulative GPA during their tenure at Iona and complete their baccalaureate in no more than 5 years. The recipient must demonstrate a commitment to the sport of rowing.

The O'Connor Family Endowed Scholarship
This scholarship is awarded to entering freshman who meet the requirements to participate in Iona's College Assistance Program (CAP). Students must achieve and maintain a 2.5 GPA and demonstrate financial need as determined by the FAFSA.

The Edward F. O'Reilly Scholarship
Funded by the Coca Cola Bottling Company of New York in honor of the outstanding achievements of Edward F. O'Reilly ’60, an amount of $7,500 will be distributed evenly among one freshman, one sophomore, one junior, and one senior, each of whom must have at least one member of his/her immediate family employed by Coca Cola. Recipients must have proven academic achievement on the secondary school level and demonstrate financial need.

The Eileen O'Reilly Endowed Scholarship
This scholarship is awarded to a graduate of Roosevelt or Saunders High School who achieved and maintain a 2.5 cumulative GPA during their tenure at Iona College. The student must show financial need as determined by the FAFSA.

The Buddy Pain Endowed Scholarship
This scholarship is awarded to a full-time undergraduate student who is a member of the Iona College Baseball Team and demonstrate dedication, effort and leadership to the team, as determined by the prevailing baseball coach. Recipients must maintain a 2.5 cumulative GPA and complete their baccalaureate in no more than 5 years.

The Grace and Salvatore Palestro Scholarship
This memorial scholarship, sponsored by Salvatore Palestro, Jr., adjunct associate professor of Accounting, is awarded to an accounting major on the basis of academic achievement. The scholarship is awarded in senior year based on junior year grades.

The George and Margaret Pappas Scholarship Award
An endowed scholarship awarded to serve as a perpetual tribute to the many years of devoted service Dr. and Mrs. Pappas have given to Iona and its students. This scholarship award was established by the children of Margaret and George Pappas: Linda, Stephen and Lisa, and maintained by the Pappas family, friends and former students. Declared, full-time seniors at Iona, who are pre-med students and accepted to a school of medicine or to a four year program in a related health science, shall be considered by an administrator and a designated science faculty committee for the scholarship award. Required qualifications are a high academic record, high MCAT score, and personal qualities consonant to the requirements of the medical profession which reflect service to humanity and the mission of Iona College.

The Josephine & John A. Parella, MD ’66 Endowed Scholarship
This scholarship is awarded to full-time undergraduate, pre-med students. Preference will be given to students who were raised in a single parent household, are enrolled in Iona's Pre-Medical Program and reside in New York City or the Metropolitan area. Recipient must have achieved and maintain during their tenure at Iona a 2.5 cumulative GPA. Additionally, preference will also be given to students who demonstrate academic excellence and complete their baccalaureate in no more than 5 years.

The Robert H. Paschel ’67 Endowed Scholarship
Scholarships awarded to men and women who demonstrate a commitment to the study of accounting. Preference will be given to students who come from single-parent households, are born in the United States, and demonstrate financial need as determined by the FAFSA.

The Msgr. Peters/Bernard Gallagher Endowed Scholarship
This scholarship is awarded to a student who is active in athletics as a member of the Catholic High School Athletic Association of the Archdiocese of NY and the Diocese of Brooklyn (CHSAA). The student must be successful at Iona and demonstrate financial need as determined by the FAFSA.

The Marie E. Rees Memorial Endowed Scholarship
This scholarship is awarded to full-time undergraduate students who are graduates of Boonton High School or All Hallows High School. Recipients must demonstrate unmet need as determined by the FAFSA and complete their baccalaureate in no more than 5 years. Additionally, recipients must have overcome personal obstacles in their attempt to pursue a college education and have demonstrated the ability to achieve specific goals and are committed to completing their education in 4 years (barring mitigating circumstances).

The Blessed Edmund Rice Endowed Scholarship
Established in honor of Blessed Edmund Rice, the founder of the Christian Brothers, this scholarship is awarded to students who are graduates of a
Christian Brothers high school (e.g., All Hallows, Blessed Sacrament, Rice High School, Iona Prep), have demonstrated financial need, and exemplify the teachings and example of Blessed Edmund Rice through their participation in volunteer work, community service or campus ministries.

**The Steven V. Reitano Endowed Scholarship**
This scholarship is awarded to full-time undergraduate students who are New York State residents and attend a high school in Westchester, New York City or Long Island. Recipient must show unmet need as determined by the FAFSA and must have achieved and maintain during their tenure at Iona a 2.5 cumulative GPA. Additionally, must complete their baccalaureate degree in no more than 5 years.

**The Heinz Riehl '99H Endowed Scholarship**
This scholarship was established to support and advance the careers of men and women who demonstrate a commitment to the study of business. Recipients should have achieved an 80% cumulative GPA in high school. Preference is given to incoming freshmen with demonstrated financial need as determined by the FAFSA.

**The Eleanore and Lawrence Riley Endowed Scholarship**
A memorial scholarship awarded to an incoming freshman who has demonstrated superior academic achievement on the high school level as well as unmet financial need as determined by the FAFSA. Recipients must maintain a 3.0 cumulative GPA. Priority will be given to those students who are practicing Roman Catholics.

**The George M. Roche Memorial Scholarship**
This scholarship is awarded to a graduate of Blessed Sacrament High School who has proven academic achievement on the secondary school level and demonstrated financial need as determined by the FAFSA.

**Darby T. Ruane Endowed Scholarship**
Awarded to a full-time undergraduate Arts and Sciences student (bachelor of arts degree). Recipients must demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA), had at least a 3.0 cumulative high school average, maintain a minimum 3.0 cumulative GPA at Iona and complete their baccalaureate degree in no more than 5 years. Preference given to graduates of female students.

**The Mary Jane and Peter Scanlon ’52, ’92H Scholarship**
This scholarship will be provided to selected graduates from All Hallows High School who have demonstrated financial need as determined by the FAFSA.

**The Robert Schoenherr Memorial Scholarship**
Sponsored by the friends and family of Robert Schoenherr and awarded to a student who is a New Rochelle resident and a graduate of Blessed Sacrament/St. Gabriel’s High School. Criteria for this award include average academic ability, unmet financial need, and demonstrated high Christian character as exemplified by Robert Schoenherr.

**The General Frank R. Schwengel Scholarship**
Established in 1989 by the Army, Navy and Air Force Veterans in Canada, United States Unit (ANAVICUS) to honor their founder and motivating force General Frank R. Schwengel, this scholarship is awarded to a sophomore or junior student who has demonstrated academic achievement and leadership potential (as shown by a letter of recommendation). Recipients must also demonstrate financial need as determined by the FAFSA and maintain a minimum 3.0 cumulative GPA.

**The James M. Slattery '65H Endowed Scholarship**
This scholarship is awarded to students who have achieved a 3.5 GPA prior to their tenure at Iona College and maintain no less than a 3.2 cumulative GPA. Recipients must also demonstrate strong financial need as determined by the FAFSA.

**The Raymond V. Sozzi ’65 Endowed Scholarship**
This scholarship is awarded full time undergraduate students graduated from Cardinal Hayes High School enrolled in the Hagan School of Business. Recipient must show unmet need as determined by the FAFSA and must have achieved and maintain during their tenure at Iona a 2.7 cumulative GPA. Additionally, must complete their baccalaureate degree in no more than 5 years. The recipient must actively participate in a qualified work study program, either on or off campus.

**The Lucretia Stanco-Mann ’76 ’78MBA and Edward T. Mann ’73 ’74MBA Endowed Scholarship**
This scholarship is awarded to students who have documented learning disabilities or attention difficulties and have demonstrated financial need as determined by the FAFSA. Preference will be given to entering freshmen who meet program requirements and participate in the College Assistance Program (CAP).

**The Br. Patrick N. Synan Scholarship**
This scholarship is available to a freshman who is a graduate of Rice High School and is awarded for freshman year only. Recipients must demonstrate unmet financial need as determined by the FAFSA.
The Transamerica Foundation Endowed Scholarship
This scholarship is intended to help students who have financial need as determined by the FAFSA and attend the Hagan School of Business.

The Valerie Vidile Memorial Scholarship
This scholarship is awarded to full-time undergraduate students who are graduates of St. Gabriel-Blessed Sacrament High School who demonstrate unmet need as determined by the FAFSA. Must be a member of the Iona College Crew Team and must have achieved and maintain during their tenure at Iona a 2.5 cumulative GPA. Additionally, must complete their baccalaureate degree in no more than 5 years.

The Wings of Hope Foundation Endowed Scholarship in memory of Justin Samela Miceli ’09
Established to honor the memory of Justin Samela Miceli, ’09, a 19 year old sophomore at Iona College who was tragically killed in a car accident. This scholarship is awarded to full-time undergraduate Hagan student who demonstrate financial need as determined by the FAFSA. Recipients must demonstrate a commitment to community service and athletics through participation in service organizations and athletic events. Must have achieved and maintain during their tenure at Iona a 2.5 cumulative GPA and complete their baccalaureate degree in no more than 5 years.

Iona College Scholarships for Transfer Students
A limited amount of assistance for transfer students is provided by Iona College. Eligibility is based on academic achievement and determined by the Admissions Office.

College Funded Financial Aid Probation
To receive and retain any College funded financial aid, recipients must be matriculated, full-time day students and must maintain satisfactory academic progress. Those students who fail to maintain the required index for financial aid (3.5 Presidential and Deans, 3.0-Academic excellence; 3.0 Transfer scholarship; 2.8-merit; 2.5 Iona Grants) will be informed by Student Financial Services at the end of the semester that they have been placed on probation but will receive the financial aid award for the following year on a probationary basis. Failure to meet the cumulative index requirement by the end of the probationary period will result in a loss of the aid in question for future semesters. Students who subsequently obtain the required cumulative index may petition the reinstatement of their scholarship by completing the Institutional Scholarship Appeal Form, available at http://www.iona.edu/admin/sfs/finaid/forms/doc/appeal.cfm. Once completed, submit the form to Mary A. Grant, Director of Financial Aid at mgrant@iona.edu. Letters of Appeal for the fall semester must be received by June 15 and letters of appeal for the spring semester must be received in the SFS Office by January 15. Any appeals received after these dates will not be reviewed. Students will be notified to their Iona email account within a month of the above deadlines of a decision. Re-issuance is not automatic and will depend on availability of funds for that academic period.

Federal and State Programs

Federal Pell Grant
Federally-administered awards range up to a yearly maximum of $5,670* for full-time students who meet the federally-established eligibility criteria. Awards for students registered at least half-time but less than full-time are pro-rated. Monies received under this program are applicable toward costs of attendance, i.e., tuition, fees, books, transportation, room/board, personal expenses. The Free Application for Federal Student Aid (FAFSA) available on line at www.fafsa.ed.gov, must be used to file for the Pell Grant and campus-based aid. *Pending Congressional authorization.

Federal Supplemental Educational Opportunity Grant Program (SEOG)
Federally-administered, campus-based grants are awarded based on high financial need and availability of funds. Monies disbursed through this program may be applied to the cost of attendance. Students must be Pell Grant eligible to receive an SEOG award.

Vietnam Veterans Tuition Awards
Students should contact Student Financial Services for further details.

Federal Direct Student Loans
Federal Direct Loans can be subsidized or unsubsidized and are processed through the U.S. Government. You can receive a subsidized loan and an unsubsidized loan for the same enrollment period as long as you are enrolled as a matriculated student for at least 6 credits per term. Repayment begins six months after graduation or six months after your enrollment status is less than half time (five or fewer credits).

A subsidized loan is awarded on the basis of financial need. You can calculate your financial need by subtracting your Expected Family Contribution (EFC) from the Cost of Attendance. The EFC is determined by the Department of Education and is calculated from your data on the Free Application for Federal Student Aid (FAFSA). The COA is determined by the College. Interest on this loan is not charged while
you are in school enrolled for six or more credits and during your six month grace period. The federal government “subsidizes” the interest for you during these periods.

An unsubsidized loan is non-need based. You will be charged interest from the time the loan is disbursed until it is paid off. If you allow the interest to accrue while you are in school or during other periods of non-payment, it will be capitalized. The interest will be added to the principal amount of your loan and additional interest will be based on that higher amount.

The amounts you can borrow depend on your grade level in school and on the type of student you are: dependent undergraduate, independent undergraduate (or a dependent undergraduate whose parents are unable to get a PLUS Loan), or a graduate student.

Annual Loan Limits for Subsidized and Unsubsidized Loans First Disbursed on or after July 1, 2008:

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Limit for Subsidized Loans</th>
<th>Limit for Unsubsidized Loans</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>$5,500 - No more than $3,500 of this amount may be in subsidized loans.</td>
<td>$9,500 - No more than $3,500 of this amount may be in subsidized loans.</td>
</tr>
<tr>
<td>2nd Year</td>
<td>$6,500 - No more than $4,500 of this amount may be in subsidized loans.</td>
<td>$10,500 - No more than $4,500 of this amount may be in subsidized loans.</td>
</tr>
<tr>
<td>3rd and 4th Years</td>
<td>$7,500 - No more than $5,500 of this amount may be in subsidized loans.</td>
<td>$12,500 - No more than $5,500 of this amount must be in subsidized loans.</td>
</tr>
<tr>
<td>Maximum Total Debt from Stafford Loans When You Graduate</td>
<td>$31,000 - No more than $23,000 of this amount may be in subsidized loans.</td>
<td>$57,500 - No more than $23,000 of this amount may be in subsidized loans.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$138,500 - No more than $65,500 of this amount may be in subsidized loans.</td>
</tr>
</tbody>
</table>

Federal Direct Parent PLUS Loan
The Federal Direct Parent PLUS Loan is a loan that a parent can utilize to help pay for a student’s educational expenses. This loan is for parents of dependent, undergraduate students who are enrolled as a matriculated student at least half time (six credits or more) per term. These loans are processed through the U.S. Government. Parents must be credit-worthy and have no adverse credit history. Your parent can borrow up to the cost of attendance (COA) for the year, minus any other financial aid you received. If your parent is NOT approved for the PLUS Loan, you will be eligible to receive more Federal Direct Unsubsidized Loan funds. You will be notified of this additional award by the Student Financial Services Office.

Before a loan is distributed, a first-time borrower is required to complete an entrance interview session online and sign a Master Promissory note (MPN) at www.studentloans.gov.

Federal Perkins Loan
Perkins loans are low interest rate loans given to students who demonstrate high need according to the FAFSA. Students who are eligible for a Perkins Loan will receive notification in their Award Notification.

- Interest free during school and grace period
- 5% Interest
- Deferred until graduation
- 9 month grace period
- Paid quarterly
- No fee

Before a loan is distributed, a first-time borrower is required to complete an entrance interview online and sign a Master Promissory Note. Our loan service Campus, Partners will email you when you must complete these requirements.

New York State Grants and Scholarships

Aid for Part-Time Students (APTS)
State program, campus-based, part-time (at least three (3) credits) for New York State resident students attending an institution in New York State. Awards range up to $2,000 per academic year depending on tuition charges. A separate APTS application is required, along with copies of student’s and/or parents’ or spouse’s prior year NYS tax return. Dependent students must submit parents’ prior year NYS tax return.

AmeriCorps Education Award
In return for successful completion of their service, members of AmeriCorps programs receive money for school in the form of an education award that can be applied to outstanding student loans or for future higher educational and vocational training pursuits. Full-time AmeriCorps members perform 1,700 hours of service and upon completion, earn an education award of $4,725. Part-time members perform 900 hours of service and upon completion, earn $2,363. Information about New York State programs can be
Memorial Scholarships
Memorial scholarships for families of deceased police officers and firefighters provide financial aid to children and spouses of deceased police officers, firefighters and volunteer firefighters of New York State who have died as the result of injuries sustained in the line of duty. The scholarship supplements the $450 received through the Child of Police Officer-Firefighter-Correction (CPF) award program. Students must be New York State residents and matriculated at approved colleges or other post-secondary institutions in New York State; study full-time in approved undergraduate programs; have a parent or spouse who was a police officer; firefighter or volunteer firefighter who died as the result of injuries sustained in the line of duty and submit a Memorial Scholarship Supplement which is available from the New York State Higher Education Services Corporation (HESC). Once eligibility has been established, the student must submit an application for payment by May 1 of the academic year for which the scholarship is sought. Complete a Free Application for Federal Student Aid (FAFSA) and an Express TAP Application (ETA).

Persian Gulf Veterans Awards
Persian Gulf Veterans Tuition Awards (PGVTA) provide up to $1,000 per semester for full-time study or $500 per semester for part-time study to Persian Gulf veterans matriculated at an undergraduate or graduate degree-granting institution in New York State. For full-time study, awards are $1,000 per semester for up to eight semesters (four years) of undergraduate study and for up to six semesters (three years) of graduate study. For part-time study, awards are $500 per semester for up to 16 semesters (eight years) of undergraduate study and for up to 12 semesters (six years) of graduate study. Students must have served in the US Armed Forces in the Persian Gulf from August 2, 1990 to November 30, 1995, have been discharged under other than dishonorable conditions, be matriculated full or part-time in an undergraduate or graduate degree-granting institution in New York State, have applied for Tuition Assistance Program (TAP) award if full-time, and have applied for a federal Pell Grant award for full-time or part-time undergraduate study. Complete a Free Application for Federal Student Aid (FAFSA) and an Express TAP Application (ETA).

Regents Award for Children of Veterans (CV)
Eligible students are those whose parent(s) served in the US Armed Forces during specified periods of war or national emergency and, as a result of service, died or suffered a 40 percent or more disability, is classified as missing in action, or was a prisoner of war. The veteran must currently be a New York State resident or have been at the time of death, if death occurred during or as a result of service. The award is $450 per year. Apply before May 1 of the academic year for which you are requesting payment. Complete a Free Application for Federal Student Aid (FAFSA) and an Express TAP Application (ETA).

Regents Award for Children of Correction Officers (CO)
New York State residents who are attending, or planning to attend full-time, a college in New York State are eligible if they have had a parent who died as a result of injuries sustained in the line of duty while serving as a correction officer in a New York State correctional facility. The award amount is $450 per year. Apply before May 1 of the academic year for which you are requesting payment. Students must initially establish eligibility by submitting a Child of Correction Officer form to the New York State Higher Education Services Corporation before applying for payment. Complete a Free Application for Federal Student Aid (FAFSA) and an Express TAP Application (ETA).

State Aid to Native Americans
Enrolled members of a New York State tribe and their children who are attending, or planning to attend, a college in New York State and are New York State residents are eligible. Awards for full-time students are up to $1,750 annually; part-time awards are approximately $75 per credit hour. Apply by July 15 for the fall semester, December 31 for the spring semester, and May 20 for summer session.

Tuition Assistance Program
State-administered (full-time) awards range from $500 to $5,165 per year for eligible full-time students. Administered by the New York State Higher Education Services Corporation, this award is applicable toward the cost of tuition.

If your actual TAP award is less than the estimated figure or if you lose eligibility, the Student Financial Services Office will not make up the difference.

Part-Time TAP Program
New York State residents who are enrolled part-time are eligible to apply if they were a first-time freshman in the 2007-08 academic year or thereafter and have earned 12 credits or more in each of the two consecutive preceding semesters, for a minimum total of 24 credits earned and maintain a minimum of a “C” average. Administered by the New York State Higher Education Services Corporation, this award is applicable toward the cost of tuition. Please visit NYSHESC’S website at http://www.hesc.com/content.nsf/SFC/0/PartTime_TAP_Program for more details.
Vietnam Veterans Tuition Awards
Vietnam Veterans Tuition Awards (VVTa) provide up to $1,000 per semester for full-time study or $500 for part-time study to Vietnam veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State. Students must have served in the US Armed Forces in Indochina between December 22, 1961 and May 7, 1975. Students must be New York State residents and be matriculated full or part-time at an undergraduate or graduate degree-granting institution in New York State. Establish eligibility by applying to HESC. Complete a Free Application for Federal Student Aid (FAFSA) and an Express TAP Application (ETA).

Part-Time Federal Employment
The College Work Study Program (CWSP) is a campus-based, federal program. A limited number of part-time positions on campus are available to students who demonstrate financial need as determined by the FAFSA. The wage rate varies depending upon skills required and experience. The monies earned through the College Work Study Program does not deduct from the amount of tuition due for that term; it is a job placement program.

Veterans Benefits
Iona College is fully accredited for the receipt of benefits by veterans or their eligible dependents under the terms of Title 38, US Code. All eligible students are required to submit to the Veterans Counselor a request for all veteran educational benefits, i.e., GI Bill, Chapter 34 or 35; VEAP.

Federal Aid
Eligibility for Pell and for other Title IV campus-based aid is determined via congressionally approved needs analysis systems. All students receive an official award notification requiring they go on line to their PeopleSoft account to view their financial aid awards. You will be able to view the total annual award from each Title IV fund, allocated on a per semester/ trimester basis. All awards, with the exception of Federal Work Study (FWS), are credited to the students account on a semester or trimester basis. A student employed through the FWS program is paid by check every two weeks for the hours worked.

Verification Procedure
Student Financial Services is required to verify the information provided by the student on the financial aid forms of any student selected for verification by the Federal Government. This information will be requested from students through e-mails to your Iona College e-mail account. Only students who are selected for verification by the federal government must submit signed prior year Federal Tax Transcript (including all schedules and W2’s) for their parents and themselves and the appropriate Federal Verification work sheet available at www.iona.edu/admis/finance/apply. Failure to provide this documentation will result in the revocation of financial aid awards and the appropriate Federal Verification work sheet available at www.iona.edu/admis/finance/apply.

Corrections
Discrepancies between the information reported on the FAFSA and the documentation provided will have to be resolved by a recalculation of the needs analysis which determines eligibility for financial aid. Before a Pell Grant can be disbursed, the Student Aid Report (SAR) will have to be returned to the central processor for correction, and then be resubmitted to Student Financial Services. Revisions to the financial aid package resulting from recalculation are communicated to the student via their Iona College email.

Repeating Courses
If, in a prior semester, a student received financial aid for courses and then withdraws or fails those courses, a student cannot in future semesters receive financial aid again for repeating the courses they failed or from which they withdrew.

Deadlines
No loans will be processed until the required documentation is received. The guarantor will deny any loan certified by the school after the last day of classes in the enrollment period covered by the loan.

Likewise, a Pell Grant may not be disbursed if the student has not submitted a valid SAR to Student Financial Services by the last day of class.

Employment under the College Work Study program will be terminated 60 days after the start of employment if requested documentation has not been received. Student Financial Services reserves the right to revoke awards in the event that requested information is not provided after the third and final request.

Colleges are required to refer applicants who are suspected of fraud in connection with the aid application to the Department of Education for investigation.

Refund/Repayment Policy
Any student receiving federal aid who withdraws during the time when the institutional refund policy is in effect and who is entitled to a refund, may have to return all or a portion of this refund to the Title IV aid programs.
IONA COLLEGE SATISFACTORY ACADEMIC PROGRESS (SAP) POLICY

Federal regulations (Sections 668.16(e), 668.32(f) and 668.34) require that schools monitor the academic progress of each applicant for federal financial assistance and that the school certify that the applicant is making satisfactory academic progress toward earning his/her degree. This determination of progress must be made at least once a year and before the financial aid office disburses any federal aid funds for the subsequent semester.

The satisfactory academic progress policy must include a qualitative and quantitative measure of the student's progress. The qualitative measure must establish a minimum grade point index standard. The quantitative measure must establish a maximum time frame for a student to complete his/her program and a minimum number of credits a student must satisfactorily complete each year.

For financial aid purposes, satisfactory grades are defined as: A, B+, B, C+, C, D, P, SP and T. Unsatisfactory grades are defined as: NG, U, F, FA and I.

Qualitative SAP Standards:
2.0 cumulative Grade Point Average for undergraduates.
3.0 cumulative Grade Point Average for graduate students.

Quantitative SAP Standards:
1. Students must have earned at least 66% of their attempted course credits to be considered to be meeting Satisfactory Academic Progress minimum standards. Students are permitted to receive federal student aid only for the number of terms that reach 150% of the amount of time it normally takes to complete their degree program. The majority of undergraduate programs require 120 hours for graduation. The maximum time frame for students in these programs is 180 attempted hours (120 x 1.5 = 180). Students whose programs require more than 120 hours for a degree will have a higher limit. All graduate degrees must be completed within 3 years of full-time attendance or 6 years of part-time attendance.

Students are not eligible to receive federal financial assistance for terms beyond this point, even if they did not receive aid for all of terms included in figuring whether they have exceeded 150% of the maximum time allowed to complete their degree requirements. SAP is reviewed yearly except for students on probation whose status is reviewed each semester:

- **Transfer credits**: Transfer Credits accepted for the student's academic program or degree is counted when measuring the maximum time frame to complete the degree or program. Iona College does not accept for credit any transfer grades lower than C.

- **Repeat Policy**: For federal and institutional aid students can repeat a course once. The most recent attempt will count towards GPA as well as in the calculation for attempted and completed credits. Courses repeated due to an earlier failing grade are eligible for federal student aid if the course is a requirement for the student's degree program.

- **Withdrawals**: Grades of W are counted as courses attempted and count toward the maximum time frame. Attempted hours are those hours for which students were still officially registered at the conclusion of each semester's Add/Drop period. Withdrawals are counted as attempted hours.

- **Audited Courses**: Students do not earn any academic credits for audited courses. They do not count in the calculation of "attempted hours."

- **Pass/Fail Courses**: These hours do count within the total of attempted and earned hours.

- **Change in Majors**: Students who change their majors will normally be expected to complete all degree requirements before reaching 180 attempted hours (150% of normal program completion.)

Reviewing SAP:
Students meeting all minimum SAP standards are packaged for the full academic year. Students not meeting all minimum standards are subject to financial aid probation or loss of financial aid eligibility.

Financial Aid Warning:
There is a minimal amount of time between the time when final fall grades must be posted and the start of spring semester. There is even less time between the time when final summer grades may be posted and the start of fall semester. Students incur a financial liability to the College as soon as the semester begins. Therefore, under most circumstances, we believe it would be unfair to retroactively remove a student's aid once the semester begins. Iona College reviews SAP annually, and, therefore, cannot utilize a Financial Aid Warning.

Financial Aid Probation:
If the student has not reached the maximum number of scheduled hours and the Financial Aid Appeals Committee determines that the student has fallen below the completion ratio standards for satisfactory progress, the student will be placed on Financial
Aid Probation and notified that his/her continued eligibility for federal financial aid assistance is in jeopardy. Students who fail to maintain the required minimum GPA will also be placed on financial aid probation. Students will normally be allowed only one probationary semester during their academic program. If the student on financial aid probation meets the terms of the probation, he/she will be permitted to continue to participate in the federal student aid programs for a subsequent semester. Students who have been placed on probation shall be considered to be making satisfactory academic progress for the purposes of receiving financial aid as long as the student continues to meet the academic requirements of SAP.

The Student Financial Services Office will review the records of students who are on financial aid probation at the end of each semester. If the student does not meet the terms of the probation, the student will forfeit eligibility for all federal financial aid programs.

**Loss of eligibility due to lack of satisfactory progress:**
A student who has lost eligibility to participate in federal student aid programs for reasons of academic progress can regain that eligibility only by enrolling at Iona College at his/her own expense and demonstrating that he/she is capable of completing a semester without any failures, incompletes or withdrawals and showing the ability to complete his degree requirements in a more regular fashion. Students who have been academically dismissed from the College but who are subsequently given permission to re-enroll are not automatically eligible to continue to participate in federal, state, or institutional aid programs. Admissions decisions are totally separate from funding decisions.

**Right to Appeal:**
Students have the right to appeal any decision of ineligibility to continue to receive financial assistance. Appeals must be filed within 30 days of notification that aid eligibility has been lost OR 30 days after a semester begins (whichever comes first). An Appeal must be made in writing to the Director of Financial Aid by completing the Satisfactory Academic Progress Request for Review and submitting it, along with all required statements and documentation. The appeal may not be based upon your need for the assistance OR your lack of knowledge that your assistance was in jeopardy. An appeal would normally be based upon some unusual situation or condition which prevented you from passing more of your courses, or which necessitated that you withdraw from classes. Examples of possible situations include documented serious illness, severe injury, or death of a family member.

If you do not have grounds for an appeal, or if your appeal is denied, you may still be able to regain your eligibility for future semesters. This is done by enrolling at Iona College at your own expense -- without financial assistance -- and by regaining the Qualitative and Quantitative standards listed above.

**New York State Financial Aid**
All undergraduate students receiving TAP must fulfill academic requirements for both:
- a) minimum academic standards; and
- b) pursuit of program.

**Minimum Academic Standards for all New York State Programs**

<table>
<thead>
<tr>
<th>Semester Programs</th>
<th>Before being certified for this payment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st</td>
</tr>
<tr>
<td>A student must have accrued at least this many credits</td>
<td>0.6</td>
</tr>
<tr>
<td>With at least this grade point average</td>
<td>1.5</td>
</tr>
</tbody>
</table>

* Applicable to students in a 4-yr. degree program.
### Trimester Programs

Before being certified for this payment:

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>7th</th>
<th>8th</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student must have accrued at least this many credits</td>
<td>0</td>
<td>3</td>
<td>6</td>
<td>12</td>
<td>18</td>
<td>24</td>
<td>33</td>
<td>42</td>
<td>51</td>
<td>60</td>
<td>70</td>
<td>80</td>
</tr>
</tbody>
</table>

With at least this grade point average:

|   | 0   | .5  | 1.0 | 1.2 | 1.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0   | 2.0   | 2.0   |

### Pursuit of Program

Program pursuit must be determined independently from satisfactory academic progress. Satisfactory program pursuit is defined as receiving a passing or failing grade in a certain percentage of a full-time course load in each term for which an award is received. The percentage increases from 50 percent of the minimum full-time course load in each term of study in the first year for which an award is received to 75 percent of the minimum full-time course load in each term of study in the second year for which an award is received, to 100 percent of the minimum full-time course load in each term thereafter.

### Repeating a Course

If a student repeats a course for which previous credit has been earned, it is not counted as part of a full-time load for TAP purposes or as part of the required part-time load for APTS unless required by curriculum.

### Number of Payments

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th>Course Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 or 2 - 50% of minimum full-time requirement</td>
<td>(6 credit hours on a semester calendar)</td>
<td></td>
</tr>
<tr>
<td>3 or 4 - 75% of minimum full-time requirement</td>
<td>(9 credit hours on a semester calendar)</td>
<td></td>
</tr>
<tr>
<td>5 or more - 100% of minimum full-time requirement</td>
<td>(12 credit hours on a semester calendar)</td>
<td></td>
</tr>
</tbody>
</table>

For half-time accelerated summer term payments, the above percentages are applied to the minimum half-time requirement (6 credits on a semester calendar) to determine pursuit of program requirements.

Students who had been in good academic standing for prior semesters but failed to meet satisfactory progress and/or pursuit of program standards for the last term may be granted a one-time waiver. This waiver is intended only to accommodate extraordinary or unusual cases and is not automatic. Circumstances that would warrant waiver consideration are:

- a) death of a spouse or parent;
- b) divorce or separation of student or parent;
- c) illness that clearly prevented academic progress for the term in question; and
- d) other extraordinary or mitigating circumstances that clearly prevented academic progress for the term in question.

All waiver requests should be forwarded in writing by the student to the director of financial aid immediately after the student has been informed of ineligibility. All waiver requests will require full documentation which will include, but not necessarily be limited to, oral/written testimony from parents, teachers, academic advisers, or medical personnel. Students requesting a waiver will be notified in writing of the decision within two weeks after all documentation has been received and evaluated.

Following a determination that the recipient has lost good academic standing, further payments under the program shall be suspended until the student is restored to good academic standing by either:

1) pursuing the program of study in which he/she is enrolled and making satisfactory progress toward the completion of the program’s academic requirements for a period of one term; or

2) establishing in some other way, to the satisfaction of the commissioner, evidence of his/her ability to successfully complete an approved program.

A STUDENT CAN RECEIVE ONLY ONE WAIVER.
Academic Policies

COURSE REQUIREMENTS
At the beginning of each semester, instructors are required to state the objectives of the course, outline all course requirements, indicate criteria to be used in evaluating the performance of students, and announce when a final examination will be given. The schedule of final examinations is published by the Office of Student Financial Services and can be found on the Web at www.iona.edu/registrar.

ATTENDANCE POLICY
Attendance in class and laboratory sessions is recorded from the first day of the semester. Students are expected to accept personal responsibility for absences, and are responsible for fulfilling all requirements and completing all assignments in each course. They will likewise be held responsible for the entire content of each course. Instructors are not required to provide a substitute test or quiz if students are absent from the class session during which the test or quiz is given. If students are absent from laboratory periods, field trips and similar class sessions, they cannot expect that any special arrangements (e.g. setting up laboratory apparatus) will be made for them to complete work that was missed. A student who has been absent from 20% or more of the scheduled class sessions (including examinations) will be dismissed from the class and assigned the failing grade “FA.” It is within the professor’s discretion to determine if the reasons for absences justifies an exemption from the policy. Any absence from class as a matter of principle is undesirable and may preclude the meeting of requirements as delineated in individual course syllabi.

REPORTING ABSENCES
When a student is absent from three successive sessions of a course, the instructor may alert the office of the appropriate academic dean and the Student Retention Office. The student will be directed to contact his or her Academic Advisor in order to discuss the reasons for the absences, and to speak with the professor of the course, as appropriate.

Students will also receive an automated notification via email through the PeopleSoft system regarding absenteeism from a class when 15% and 20% of the class meetings in a given term have been missed, and the risk for failure if absenteeism is not addressed.

CREDIT HOUR
In any semester, 15 periods of instruction of 52 minutes each, or 15 laboratory periods of two clock hours each, normally constitute one credit hour. Variations from this standard are indicated in the descriptions for affected courses. Examinations and quizzes are included within the 15 periods. In addition to the periods of instruction, at least 30 hours of supplementary assignments are also required per credit.

GRADING
The following symbols are used in rating academic performance:

- **A** Excellent. Signifies the highest level of achievement in the subject and indicates an exceptional general competence and a marked, consistent ability in comprehension and interpretation.
- **B+** Very Good. Signifies a very high level of achievement and an intelligent fulfillment of course requirements in a manner that approaches the excellence of the highest grade.
- **B** Good. Signifies a consistently high level of achievement and indicates that the course requirements have been fulfilled in an intelligent, superior manner.
- **C+** Above Average. Signifies a more than acceptable degree of understanding and a consistent achievement within the graduation grade.
- **C** Satisfactory. Signifies acceptable understanding and consistent achievement of a quality which satisfies the required graduation grade.
- **D** Minimal Passing. Signifies a level of understanding which is generally below the average level expected of students and therefore warrants only minimal approval.
- **P** Passing. Signifies satisfactory completion of course requirements and the earning of credit without quality points.
- **U** Unsatisfactory. No quality points assigned.
- **F** Failure. Signifies failure to complete course requirements satisfactorily.
- **FA** Failure - Excessive Absence. Signifies dismissal from a course for unacceptable academic performance and absence from 20 percent or more of the scheduled class sessions. Requests for this grade are filed by the faculty member with the dean of the school in which the student is enrolled.
This grade is computed as an “F” in the cumulative index.

** I Incomplete.** Signifies that some requirement of a course, other than the final examination, has not been satisfied by the end of the term. This request is reserved for unusual situations beyond the student’s control, e.g., illness. A request for assignment of the “I” grade must be filed by the first day of final examinations in the office of the dean of the school in which the student is enrolled.

** W Withdrawal.** Signifies withdrawal from a course with permission of the appropriate academic dean.

H Audit. Signifies that a course was not taken for credit.

SP Satisfactory Progress. Signifies that a course is not complete as of the end of the present semester, but is continuing.

* Students who receive a grade of “U” in ENg 120 must repeat the course.

** Refer to “Registration” section of this bulletin for details.

*** Failure – Excessive Absences Policy

Attendance in class and laboratory sessions is recorded from the first day of the semester. Students are expected to accept personal responsibility for absences, and are responsible for fulfilling all requirements and completing all assignments in each course. Instructors are not required to provide a substitute test or quiz if students are absent from the class session during which the test or quiz is given. If students are absent from laboratory periods, field trips and similar class sessions, they cannot expect that any special arrangements (e.g., setting up laboratory apparatus) will be made for them to complete work that was missed. Any absence from class as a matter of principle is undesirable and may preclude the meeting of requirements as delineated in individual course syllabi. A student who is absent from 20% or more of scheduled class sessions (including examinations) may be dismissed from the class and assigned the failing grade of FA, at the discretion of the instructor of the course.

APPEAL OF ASSIGNED GRADE

Students who believe that an error has been made in the assignment of a grade should discuss with the instructor the basis upon which the grade was determined. If, after this review of the grading criteria for the course and the student’s performance in it, the student is not satisfied with the assigned grade, an appeal may be made to the department chair. Such appeal should be made in writing, stating the basis upon which the grade is questioned and requesting a departmental review. If, following the review, the student is not satisfied with the departmental decision, final appeal may be made to the academic dean of the department involved.

Grades earned for absence, FA, are awarded as a matter of policy and may not be appealed.

A student has until the tenth day of the new semester to have a grade other than “I” changed. If a formal appeal is in progress, the date will be extended until the appeal is duly processed.

CUMULATIVE INDEX

The cumulative index is computed by dividing the total number of quality points earned by the total number of credits attempted. The number of quality points assigned to each grade is given below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points per credit</th>
<th>Quality Points per credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>B+</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>C+</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.5</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>“I”</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

*Converted to an “F” if a grade change is not filed by the date indicated in the academic calendar.

The cumulative index is computed for each student at the end of each semester and, for those students who attend the summer sessions or intersession, at the end of those sessions.

LEAVE OF ABSENCE

Students who are in good academic and disciplinary standing and wish to leave the College for up to two semesters, or a year, after which they intend to return, should take a leave of absence. A leave of absence is a temporary absence from the program of study, due to medical, personal or other reasons. The granting of a leave of absence guarantees readmission to the degree program in which the student was enrolled. Eligibility for this option is contingent upon students maintaining matriculation in the term(s) they are out of attendance.
Maintaining matriculation is a change in status with the College that keeps students’ email, PeopleSoft, and access to all campus services, current. There is a nominal fee which must be paid for this change, and which must be authorized by the Dean’s office of the students’ school of enrollment.

Application for a leave of absence is handled through the Dean’s offices in the School of Arts and Science and Hagan School of Business. Students who resume studies after a leave of absence shall be subject to the academic program requirements, and curriculum, as if they had continued without interruption. Students not returning from an approved leave of absence will be treated as withdrawn from the College.

**FRESH START RULE**

Students with a cumulative index below 2.0 who leave Iona, either voluntarily or as a result of academic suspension, and who seek reinstatement after a lapse of three calendar years, may apply for a “fresh start” by an appropriate petition accompanying their reapplication. Subsequent to reinstatement, students choosing the “fresh start” option must complete a minimum of 30 credits, 12 of which must be in the major area. All grades must meet the required 2.0 index in both the major and cumulative grade point average.

The granting of a “fresh start” will be noted on the student’s official transcript. Credits earned before reinstatement shall be treated as transfer credits for the purposes of the calculation of the cumulative index and for the determination of future academic status. No credit will be given for “D” grades. Credits earned after reinstatement will be calculated in the regular cumulative index. All grades will be used for calculation toward graduation honors. The “fresh start” policy may be applied only once. Students who were academically dismissed are not eligible for reinstatement, or for this privilege.

In exceptional cases, a similar index amnesty may be applied to students with a cumulative index of less than 2.0 who wish to change from one degree program to another. The following conditions are necessary: permission of the appropriate academic dean; the credits attempted at the time of the request are at least 12, but not more than 48; the original choice of a degree program has been recognized as not being in a student’s best interest; and endorsement has been obtained from appropriate counseling and academic personnel that such a change would be of benefit to the student. The granting of index amnesty for a curriculum change does not remove any sanctions imposed for the last semester prior to the change of curriculum. Such index amnesty is granted only once.

**STUDENT CLASSIFICATIONS**

Matriculated students are those who, having met the requirements for admission to Iona College, are accepted as degree candidates and fall into one of the following categories:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>Students who have earned fewer than 24 credits.</td>
</tr>
<tr>
<td>Sophomores</td>
<td>Students who have earned at least 24 but not more than 53 credits.</td>
</tr>
<tr>
<td>Juniors</td>
<td>Students who have earned at least 54 but not more than 83 credits.</td>
</tr>
<tr>
<td>Seniors</td>
<td>Students who have earned at least 84 credits but have not completed the bachelor’s degree.</td>
</tr>
<tr>
<td>Graduate Students</td>
<td>Students accepted as candidates for a master’s degree.</td>
</tr>
<tr>
<td>Special Students</td>
<td>Students visiting from other institutions of higher education or postgraduate students admitted to undergraduate study. These students are not candidates for a degree at Iona.</td>
</tr>
<tr>
<td>Auditors</td>
<td>Students who enroll for informational instruction only. Regular attendance at class is customary without other participation and without credit.</td>
</tr>
</tbody>
</table>

**Academic Standards**

Iona College is committed to the pursuit of excellence. To that end, it has developed academic standards and policies to recognize those whose academic performance merits praise or to encourage those whose performance holds promise.

**ACADEMIC STANDING**

Iona College recognizes a student’s candidacy for a degree by granting matriculation status. All matriculated students are recognized as being in good standing.

Iona further recognizes that students perform at different levels of achievement and, accordingly, has established different levels of good standing.

**Honors Level**

is awarded to encourage the pursuit of excellence and to reward academic achievement through public recognition (inclusion in the semesters honors lists and the conferring of degrees with honors), and through the granting of academic privileges. Criterion — a minimum cumulative index of 3.5.
Preferred Level
is granted to encourage the pursuit of excellence and to recognize academic achievement that is above average by allowing students to avail themselves of certain academic privileges. Criterion — a minimum cumulative index of 2.5.

Acceptable Level
is recognized when students are progressing at a level consistent with norms for graduation and warrant a semester course load of 15 credits. Criterion — a minimum semester index and cumulative index of 2.0.

Probationary Level
is granted to students whose performance falls below the norm for graduation but who, in the judgment of the Committee on Academic Standing, give evidence of ability to improve their academic record and to benefit from special academic counseling. Criterion — a semester or cumulative index below 2.0.

These levels of good standing are based on fall and spring performance and do not take into account course work in the January Intersession or summer sessions.

Honors Program
The Iona College Honors Program attracts the most able and highly motivated students at the College and challenges them to develop their talents and stretch their capabilities. Grounded in an interdisciplinary, rigorous curriculum marked by an accelerated course of study, students in the Honors Program embody Iona’s mission, the mission of the Christian Brothers, and Catholic Higher education. In support of these traditions, the Honors Program seeks to help students:

- attain the highest levels of academic achievement and intellectual growth
- develop the skills and qualities of mind intrinsic to a liberal education (i.e., abstract reasoning, critical thinking, textual analysis)
- become independent and creative scholars in a field of inquiry
- foster social and ethical awareness, as well as leadership skills, through participation in and service to the community
- prepare for a range of post-graduate endeavors, including graduate and professional schools, corporate sector jobs, service professions, and volunteer work.

Honors Program students achieve their goals with the support of the Program Director, creative faculty, and intellectually challenging mentors.

In order to create an environment wherein students can flourish academically, socially and culturally, the Honors Program balances a rigorous curriculum with active student life, both on and off campus.

Honors students are held to the highest standards of conduct and are considered to be exemplars of the Iona mission. All Honors students are required to sign a statement of Intellectual Responsibility, which stipulates that any Honors student found guilty of intellectual dishonesty will be asked to leave the program.

The curriculum requires students to read both widely and deeply in foundational texts culled from the major disciplines in the humanities: philosophy, history, religious studies and literature. The four-semester humanities sequence balances this rather conservative approach to texts with a team-teaching approach that allows students to understand—and participate in—the centuries-long conversations sparked by these texts.

In addition to the humanities courses, students in the program take courses specifically tailored to their advanced capabilities; honors courses are also deliberately kept small so that honors students can benefit from a seminar-style environment wherever that approach seems appropriate. Students are mentored throughout their college career by the director of Honors, who can help match students’ individual interests and talents with thesis advisers. The director also serves as academic adviser to first and second-year students and ensures that upper-level students make a smooth transition into their chosen major department.

Students in the Honors Program enjoy other benefits in addition to small classes. At Iona, first-year students live on the Honors Floor in one of the most desirable residence halls on campus; second-year students have the option of living on this floor. Students in the Honors Floor living/learning community participate in outings that have included trips into Manhattan for walking tours of city neighborhoods, to see Broadway plays, and to explore the vibrant cultural life of New York City.

Additionally, students receive six free credits per academic year, which they can use during the regular academic term, during summer sessions, the January Intersession, or for study abroad. These credits also facilitate double majors and/or accelerate graduation. Honors students have priority registration, making it easier for students to arrange their complicated schedules. Student representatives serve along with faculty members and administrators on the Honors Council, the policy-making body of the Honors Program. Honors students can also apply to the American Express Fund, which was established from a grant received from the American Express.
Foundation. Honor students can apply for these monies for a variety of purposes. Grant proposals most likely to receive approval are those that make possible academic research, a humanitarian or spiritual experience, or intellectual or artistic pursuit that is outside of the standard curricular and programmatic boundaries of the College.

High school students are recruited for the Honors Program on the basis of their Iona application and an essay specific for scholarship consideration. Students must have a GPA of 3.5 or 95% and an SAT I score of 1300 (MATH/CR), or ACT score of 29 in order to be considered. Those who are accepted into the program must maintain a 3.5 cumulative GPA. Honors Program students may major in any discipline in the School of Arts and Science or the Hagan School of Business.

Participation Requirements
During freshman and sophomore years, students are required to take the Honors humanities seminar. Offered as four three-credit courses, the humanities seminar introduces students to the central concepts of philosophy, history, literature and religious studies in an interdisciplinary fashion. In their first two years, students also take Honors Composition and Honors Logic. Students complete the humanities core curriculum by taking upper level courses in philosophy, literature, history and religious studies. To fulfill the science and mathematics core, honors students are expected to take calculus and a lab science (biology, chemistry or physics). To fulfill their other core requirements, students are also expected to take a course in Computer science, Fine arts, Speech communications, and two courses in both the Social sciences (economics, political science, psychology, sociology) and modern languages.

In recognition of the importance of an international perspective, students in the Honors Degree Program are encouraged to study abroad.

An important element of the mission of the Honors Program is to encourage the development of leadership skills and service to others. Students in the Honors program are required to contribute to the Iona College community as peer mentors, tutors, research assistants, or in comparable volunteer activities beginning after their freshman year.

Juniors take the junior honors colloquium that helps students to prepare to write their senior honors thesis. Students in the colloquium explore their individual fields of interest more deeply than they might in a traditional classroom setting. They meet regularly with Iona faculty members from across the disciplines and listen to the faculty discuss their own scholarly and professional projects, and they hone the writing skills they will need to produce a successful senior thesis and to create strong applications for post-baccalaureate study and job searches.

The culmination of the program is the completion of a senior thesis undertaken with a faculty mentor. Seniors present the results of their research in a conference setting open to the College community.

Any violation of the College’s Code of Conduct may result in dismissal from the Honors Degree Program, and loss of scholarship.

Special Honors courses are taken in the following sequence:

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<tr>
<th>Freshman Year</th>
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<tr>
<td>Fall Semester</td>
<td>HON 101</td>
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<td>Honors Humanities Seminar I</td>
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<td>HON 109</td>
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<td>Communications Skills: Composition for Honors Degree Program</td>
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<td>Spring Semester</td>
<td>HON 102</td>
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<td>Honors Humanities Seminar II</td>
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<td>Sophomore Year</td>
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<td>Fall Semester</td>
<td>HON 201</td>
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<td>Honors Humanities Seminar III</td>
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<td>HON 110</td>
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<td>Logic and Critical Thinking</td>
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<td>Spring Semester</td>
<td>HON 202</td>
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<td>Honors Humanities Seminar IV</td>
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<td>Junior Year</td>
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<td>Fall Semester</td>
<td>HON 301</td>
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<td>Honors Lecture/ Seminar</td>
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<td>Spring Semester</td>
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<td>Senior Research for Honors Degree Program</td>
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<td>Senior Year</td>
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<td>Fall Semester</td>
<td>HON 402</td>
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<td>Senior Research for Honors Degree Program</td>
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Students who successfully complete all requirements of the Honors Program, including presenting their senior research project, are awarded honors medals at the end of senior year. These students receive special recognition during the Spring Honors Convocation and an honors seal is affixed to their diplomas. Completion of the program is noted on official transcripts.

PRESIDENTIAL AND DEANS’ SCHOLARSHIPS
The Presidential and Deans’ Scholarships Program offers scholarships ranging from three quarter to
full tuition for four years for the most elite scholars accepted into the program. Much is expected of these students in terms of standards for admission, as well as ongoing academic performance. Historically, students who successfully complete the four-year program – which includes internships at some of the country’s best-known companies – can anticipate interest from America’s largest firms and from graduate programs at institutions such as Columbia, Stony Brook, Fordham and Georgetown Universities.

To be considered for Presidential or Deans’ Scholarships, students must have a minimum high school grade point average of 3.5/95%; a minimum combined SAT1 score of 1300 (Math/CR) or ACT score of 29; a completed Iona College admissions application; a completed Free Application for Federal Student Aid (FAFSA); a personal interview; a letter or recommendation specifically for the Presidential and Deans’ Scholarships and the required essay. The deadline for application is December 1.

Any student receiving the Presidential or Deans’ Scholarships is required to fully participate in the Honor’s program each term in order to maintain his/her scholarship.

HONOR SOCIETIES

Various honor societies at Iona sponsor activities that are specifically designed for students who are striving for academic excellence and who wish to pursue their disciplines beyond the requirements and the exposure of the classroom. Requirements for membership differ according to the constitution of each society, but academic performance as measured by students’ cumulative index is always an important consideration. According to their interests and abilities, students might hold membership in one or more of the following societies:

- Accounting Honor Society
- Alpha Kappa Delta (International Honor Society in Sociology)
- Alpha Mu Gamma (National University Foreign Language Honor Society)
- Alpha Sigma Lambda (National Honor Society for Continuing Education)
- Beta Beta Beta (National Biology Honor Society)
- Beta Gamma Sigma (Honors Society for AACSB accredited business programs)
- Chi Rho (Criminal Justice Honor Society)
- Financial Management Association Honor Society
- Golden Key International Honor Society
- Sigma Delta Pi (National Spanish Honor Society)
- Lambda Gamma Chapter of Alpha Phi Sigma (Criminal Justice)
- Mass Communication Honor Society
- Omicron Delta Epsilon (National Honor Society in Economics)
- Phi Alpha (National Social Work Honor Society)
- Phi Alpha Theta (History Honor Society)
- Pi Lambda Theta (Education Honor Society)
- Pi Mu Epsilon (National Mathematics Honor Society)
- Pi Sigma Alpha (Political Science Honor Society)
- Psi Chi (National Psychology Honor Society)
- Sigma Iota Rho (International Studies Honor Society)
- Sigma Pi Sigma (National Honor Society in Physics)
- Sigma Tau Delta (National Honor Society in English)
- Speech Communication Honor Society
- Theta Alpha Kappa (National Religious Studies Honor Society)
- Upsilon Pi Epsilon (National Honor Society in computer Science)

Iona also sponsors a chapter of Delta Epsilon Sigma, the National Honor Society of Colleges with a Catholic tradition. Membership is highly selective. Qualifying seniors are inducted annually.

By inviting carefully selected students to its membership, the Cornelian Honor Society recognizes leadership in curricular and non-curricular activities, service to the community, and scholastic achievement.

ACADEMIC PRIVILEGES

Iona provides a number of academic privileges to encourage excellence not only in the acquisition of knowledge but also in using knowledge in everyday life. These privileges enable students to explore new areas, to put theory into practice, and to give expression to the ideal of service to others. Students with honors-level standing and preferred level standing, with the requisite permission and provided they meet specified criteria may avail themselves of the following privileges:

- admission to honors societies
- admission to honors courses
- credit by examination
- courses beyond degree requirements
- graduate courses
- independent study
- index-free grading

ACADEMIC RECOGNITION

DEAN’S HONOR LIST

A student who is enrolled full time in a given semester, exclusive of any credits earned with index-free grading, with a scholarship index of at least 3.5, and
with no grade less than “C” will be placed on the Dean’s Honor List for the semester.

**Dean’s Recognition**
Part-time, matriculated, undergraduate students who complete 12 or more credits in the academic year, exclusive of any earned with index-free grading, with a scholarship index of at least 3.5, will be eligible for Dean’s Recognition. This award will be given at the end of the spring semester.

**Graduation Honors**
Baccalaureate degrees with honor will be conferred: summa cum laude on students who have an index of at least 3.9; magna cum laude on students who have an index of at least 3.75; cum laude on students who have an index of at least 3.5.

Transfer students, to qualify for summa cum laude, magna cum laude, or cum laude honors, must have a minimum index of 3.9, 3.75, or 3.5, respectively, in their Iona courses and have completed a minimum of 56 credits in residence. Students with 30-55 credits in residence and an index of 3.5 or higher graduate with distinction.

In computing the final index for honors, only courses taken at Iona will be included. Credits granted for prior learning (life experience) or CLEP are not included in the residency credits.

Students who have been guilty of plagiarism or academic dishonesty at any point in their Iona academic career do not qualify for degrees with honors.

**Commencement Awards**
At the end of each academic year, a number of awards are given to recognize outstanding academic achievement. In addition to departmental awards, a number of special awards are given to acknowledge meritorious performance, not only in scholarship but also in those leadership and community service activities toward which a liberal arts education is directed. These include:

- The Cardinal’s Award for Proficiency in Studies;
- The Rice Memorial Medal for Excellence;
- The Henry L. Logan Medal for Excellence in the Sciences;
- The Roth Memorial Medal for Excellence in Business;
- The Iona Medal for Excellence in Social and Behavioral Sciences;
- The Iona Medal for Excellence in Business Administration;
- The Sullivan Award for Demonstration of the Concepts of Loyalty and Scholarship;
- The Joseph E. Powell Award for High Qualities of Spirit, Dedication and Generosity;
- The Julia Friedman Memorial Award for the graduate whose daily life and activities have shown great love and capacity for truth in dealing with others; and
- The Robert Schoenherr Memorial Award for the accounting graduate who has demonstrated academic achievement and humanitarian concerns.

Information on the standards for departmental awards is available in the office of the appropriate department chair.

**Academic Scholarships**
To encourage students to develop their academic abilities, Iona offers a number of scholarships on the basis of academic merit. These are described in the “Financial Aid” section of this bulletin.

**Enrichment Program**
A full education should involve more than the completion of certain academic courses. It should include an involvement with the arts, participation in societies which pursue an academic discipline in depth, and attendance at lectures which involve faculty and students from many disciplines in discussion. Iona College encourages all students to involve themselves in enrichment activities. The following are key activities which are open to members of the student body.

Iona hosts honor societies for most academic disciplines. These encourage students to pursue their academic interests beyond the classroom through study projects, lectures and general interchange among the members.

Information about campus-wide clubs, fraternities and sororities, and other opportunities for campus involvement is available in the Office of Student Development. Students who are interested in community service will find many opportunities available through Campus Ministries. Information about Iona’s vibrant intramural athletics programs is available in the Athletics Department.

There are a number of co-curricular activities which also contribute to the intellectual, social and cultural development of the student. These include the Iona Pipers, several publications, the Dance Ensemble, The Players, and The Singers. Iona encourages students to involve themselves in such activities.
CHEATING AND PLAGIARISM/ ACADEMIC DISHONESTY

Cheating and plagiarism subvert both the purpose of the College and the experience students derive from being at Iona. They are offenses which harm the offender and the students who do not cheat.

The Iona community, therefore, pledges itself to do all in its power to prevent cheating and plagiarism, and to impose impartial sanctions upon those who harm themselves, their fellow students, and the entire community by academic dishonesty.

Sanction and Appeals: At the beginning of each semester, professors shall state their policy with regard to intellectual dishonesty on the syllabi and course requirement forms they distribute. This policy shall include the penalty to be imposed when cheating or plagiarism is discovered; penalties may include failure for a given assignment or failure in the course. Students who are given a failing grade as a result of cheating, plagiarism or academic dishonesty are not permitted to withdraw from the class. Faculty members will report all incidents of cheating and plagiarism to the dean. After the first offense the student will be required to complete an instructional program on intellectual dishonesty. After the second offense, the student will no longer qualify for a degree with honors, and the student may be suspended from the college. In any allegation of intellectual dishonesty, every effort will be made to ensure justice; in all cases, educational assistance rather than adversarial proceedings will be sought.

If, in conformity with this policy, a sanction is imposed, students may appeal first, to the professor who discovered the offence; second to the department chair; and third to the academic dean of the division involved. The decision of the academic dean is final. A student has the right to appeal the academic dean's decision to the provost if, and only if, the sanction involves a suspension from class or dismissal from the college. In such appeals, the decision of the provost is final.

ACADEMIC DISCIPLINE

The imposition of academic sanctions is an administrative effort by the College to honor its commitment to the pursuit of academic excellence and its traditional attitude of concern for each student. Neither in concept nor practice is the sanction viewed as a punitive measure; rather, it is seen as the offer of professional academic counseling to assist students to realize their potential and to deal appropriately with obstacles to their academic success.

ACADEMIC SANCTIONS

The following sanctions are recognized by all schools offering baccalaureate programs:

WARNING

Freshmen will be considered to be officially on warning when a statement to that effect has been issued from the Dean's Office noting that there is some indication that the student is experiencing difficulty in maintaining the academic standards necessary for graduation. Such warning usually includes a recommendation to seek support and counsel from both the student's Freshman Advisor and the Student Retention Office.

PROBATION

Students may be placed on probation whenever their semester, major, or cumulative index falls below 2.0, necessary for graduation. It is not automatic, but is reviewed and determined by the Dean's office in which the student is enrolled. Students on probation have their progress reviewed at the end of each semester to assure evidence of sufficient improvement to warrant continued matriculation. Students on probation will be required to meet minimum defined expectations as a condition of continued enrollment. Minimum expectations include, but are not limited to, a minimum term/cumulative index, a limited course enrollment, mandatory attendance, and use of academic support services. In some instances, students are asked to sign an agreement detailing the required expectations. Suspension is likely to follow for failure to meet the conditions set for probation.

TERMINATION OF MATRICULATION

Termination of matriculation may take the following forms:

1. Academic Suspension - a temporary separation from the College, ordinarily imposed when termination is indicated and a judgment is made that studies should be interrupted for a designated period of time, usually a minimum of one full term, before reinstatement would be considered. Suspended students must present evidence of their ability to continue their studies successfully when applying for such reinstatement in the form of a letter of appeal accompanying a completed application for readmission.

2. Academic Dismissal - a permanent separation from the College (not just a school of the College), ordinarily imposed when termination of matriculation is indicated because there is indication of poor probability of success. It is automatically imposed in cases of suspended students who were reinstated, students who are conditionally admitted and fail those conditions,
appeals

Students are notified of a change in academic standing within two weeks of the conclusion of each full term. Students may appeal any decision rendered, in writing and with appropriate supporting documentation, to the Academic Standing committee of their school of enrollment. Appeals are considered by the committee, as convened by the administering Dean’s office. The actions of the Committees on Academic Standing are based on the evidence of a student’s academic record and in accord with published norms. Appeals of decision of the Committee may be made to the appropriate dean.

Students who feel that further clarification, or procedural points, should be considered subsequent to a denial of an initial appeal to the Committee, may make a secondary appeal to the Dean of the College of their enrollment within two weeks of receipt of notification of the Committee’s decision. The student must put any additional appeal in writing. The letter of appeal should set forth the basis for the appeal. Appropriate reasons for seeking such an appeal include:

- availability of further data which might influence the original decision;
- evidence that the action taken was unfair, arbitrary or capricious; and
- explanation of extenuating circumstances which might bear on past and future performance.

In the event that a student wishes to appeal the decision of the dean, by a formal letter citing the basis of further appeal, the matter may be brought before the provost/vice president for Academic Affairs, whose decision is final.

academic planning and advising

Iona makes every effort to provide the resources necessary for students to pursue a baccalaureate degree, however, it recognizes the ultimate responsibility for earning that degree rests solely with the individual degree candidates. It is, therefore, expected that students will make every effort to acquaint themselves with the rules and regulations governing academic life at Iona. Administrators, faculty, and staff, assist students, but success at Iona will depend on the extent to which students exercise responsibility for their academic careers.

declaration and change of major

Upon admission to Iona, students are enrolled in one of the schools of the College and assigned a freshman advisor. All students must officially declare a major in the School and Department of interest to them before the second semester of the sophomore year, by arranging to meet with major Department Chair or Advisor. Students who wish to change their major must do so by meeting with the major Department Chair or Advisor, completing a major declaration form, and submitting the completed form to the Dean’s office.

Students with declared majors are assigned departmental advisers to assist them in planning their educational program at Iona.

double major

Students may complete a double major in the same degree program within their school. A double major may be declared by completing the Major Declaration form with both major departments, and submitting the completed form to the Office of the Academic Dean.

Students pursuing two majors must complete all requirements of both majors. Individual courses may only be used to fulfill one major or degree requirement each. In cases where a single course is required for both majors, an alternative course approved by the appropriate department chair must be substituted. Students with a double major are assigned to one major department for advising but must also seek necessary advising from the other department.

It should be noted that in programs with limited electives (e.g., business, science), a student seeking a double major may be required to complete credits in excess of those required for graduation.

earning a second bachelor degree

A student may complete two degree programs, e.g., a BA or BS and a BBA, by applying the College core to both degrees and by using electives from one program to satisfy the requirements of the other program. All specific requirements of both degrees must be satisfied at the time of degree conferral. Students considering a second degree must obtain authorization to do so from both the departments of the majors and the Dean’s offices of both schools. Students should seek assistance from both of their departmental advisors to ensure timely progress through completion of both degrees.
ACADEMIC ADVISING
Students must be aware of the requirements for their degree as detailed in the College catalog, and are advised to consult with the department of the major as questions arise. Iona also provides an automated degree audit through the PeopleSoft system, which should be used during each advisement meeting.

All incoming Arts & Science freshmen are assigned a Freshman Advisor who advises students through to the point of major declaration, which is normally required during the first semester of the second year, or sophomore year. All incoming Hagan freshmen are assigned a Freshman Advisor. Hagan Business students must declare their major in the second term of their sophomore year. All Hagan sophomores with an undeclared major are advised by an Advisor in the Hagan Dean’s Office.

Once students have met and declared a major, a Departmental advisor is assigned. The Office of the Dean of each school is responsible for advising all incoming non-freshmen transfer students and directing these students to the department of their intended major, as appropriate.

Iona expects that students will make use of the advisement procedures to confirm or clarify academic plans. During each registration period students will be required to obtain an approved program card signed by a Freshman, Departmental, or Hagan Dean’s Office advisor, at which time the advisor will also remove the registration hold on the PeopleSoft system.

ACADEMIC SUPPORT SERVICES

FRESHMAN ADVISEMENT PROGRAM
Each incoming freshman is assigned a Faculty Advisor whose primary role is to provide academic advisement. The Freshman Advisement Program helps new students identify and achieve academic goals, identify realistic majors, engage in the process of career planning and pursue intellectual discovery.

FRESHMAN ORIENTATION PROGRAM
Entering freshmen are required to take part in an orientation program administered by the Office of Student Retention. The program is designed to provide students with information about themselves and Iona College so that they may begin to evaluate realistically their educational objectives and personal concerns before beginning their studies.

OFFICES OF THE DEANS
Freshmen are assigned faculty advisers by the Office of the Academic Dean of the school in which they are enrolled. The main objective of freshman advising is to promote an understanding of academic requirements, to assist students in clarifying educational goals, and to prepare them to take an active role in planning their academic programs.

OFFICE OF STUDENT RETENTION
The Office of Student Retention, located on the second floor of La Penta Student Union, provides an environment of care and concern where staff members help students navigate the system. Students receive guidance, assistance or information on issues such as time management, program change, financial aid, registration and advisement. The staff practices an open-door policy and invites students to stop by the office.

THE PRE-LEGAL ADVISORY COMMITTEE
This interdisciplinary advisory body of faculty members counsels students intending to apply for admission to law school. The committee sponsors group meetings to provide information on requirements for admission to law schools, the availability of scholarships and other assistance, and the schedule for the Law School Admissions Test (LSAT). Members of the committee also conduct personal interviews to advise students and evaluate their qualifications for the legal profession. The Pre-Legal Advisory Committee can act as the liaison between the Iona College student and the law school to which admission is sought. Students interested in entering a law school should contact the pre-law advisor as early as possible.

THE HEALTH PROFESSIONS RECOMMENDATION COMMITTEE
This advisory body of faculty members counsels students interested in preparing for a professional career in medicine, dentistry, veterinary medicine or allied fields (e.g., chiropractic, optometry, osteopathy). Working with the health professions adviser, the committee provides interested students with information regarding the personal and academic requirements for admission to professional schools and assists them in evaluating their qualifications for admission. The committee is the liaison between the student and the professional schools. It formulates the appraisal of the student which the professional schools require. Interested students should contact the health professions advisor.
PRE-ENGINEERING ADVISER

Students interested in planning an academic program which will lead to a career in chemical, civil, electrical or mechanical engineering should contact the pre-engineering adviser as early as possible in their course of studies. The adviser’s function is to aid students in preparing to transfer to an accredited engineering program. The chair of the Physics Department serves as the adviser.

ACADEMIC SUPPORT CENTERS

THE SAMUEL RUDIN ACADEMIC RESOURCE CENTER

The Samuel Rudin Academic Resource Center (ARC), located on the lower level of Amend Hall, is available to students who wish to improve their learning skills or who want academic support. Working one-on-one or in small groups, professional staff, graduate assistants and undergraduate tutors help students acquire, improve or refresh skills. The ARC stresses areas related to the College core: reading, composition, mathematics, and computer and information science. The ARC also provides reasonable auxiliary aids and services to students with disabilities. There is no charge for any of the ARC’s services. Incoming freshmen are placed in mathematics and English courses, based on SAT scores and high school records. Students may be assigned to special sections of required mathematics courses and required English courses. Students placed in these classes are encouraged to make use of tutorial assistance provided by the ARC.

COLLEGE ASSISTANCE PROGRAM

The College Assistance Program (CAP) of Iona College offers comprehensive support and services for students with documented learning disabilities and attention deficit disorders. CAP is designed to encourage success by providing instruction tailored to individual strengths and needs. Students take the standard full-time course requirements for baccalaureate degree programs. Postgraduate degrees are held by the entire CAP professional staff. This team of learning specialists is devoted to the support and guidance of CAP students. Tutors teach individually appropriate skill-based strategies that cross the disciplines. These skills are designed not merely to facilitate the completion of assignments, but also to generate eventual academic independence.

CAP services include: summer college transition program, supplementary academic advising, program planning, two hours per week of scheduled individual tutoring with a professional learning specialist, small group tutoring and workshops, testing accommodations, alternative testing procedures, special equipment, and personal and career counseling services.

WRITING WORKSHOP/LAB

The English Department offers two supplemental labs: the Writing Workshop (ENG 109) and the Writing Lab. The Writing Workshop (ENG 109) is a one-credit course in sentence skills that is required of a selected group of freshmen during the semester when these students are enrolled in ENG 120. The subject matter of the Writing Workshop (ENG 109) is offered on computer in sequential modules of interactive tutorial and test programs, through which students move at their own rates of progress.

The Writing Lab is voluntary and general in focus. The lab works with individuals such as ENG 120 students who have been referred by their instructors for additional assistance in developing rhetorical skills or for assistance with a specific and limited problem in grammar and punctuation; with freshmen who have completed ENG 120 but require further assistance with their writing; and with sophomores in English core courses, or with English majors in upper-level courses who need to improve their basic writing skills.

SPEAKERS’ CENTER

The Speakers’ Center, located in the office of the Department of Speech Communication Studies, is designed to help students achieve competence in oral communication. Students who need individual help with articulation, voice quality, public speaking skills, and communication apprehension are scheduled at their convenience. In addition, any faculty member may refer a student (or students may refer themselves) at any time for one-on-one assistance. Special help is given to students for whom English is a second language. The goal of the center is to help students achieve a style of speaking that is clear, easy to understand, and confident.

ACADEMIC SUPPORT FOR ATHLETES

The Department of Athletics provides an academic adviser for student athletes. Since participating in a varsity sport does not release student-athletes from academic responsibilities, their academic progress is closely monitored so that they may achieve maximum performance in all areas. Academic guidance and support services, including tutoring, counseling and a mentorship program, are provided when necessary to ensure proper academic achievement.
Registration and Academic Procedures

The undergraduate day semester program is organized into two semesters. In addition to fall and spring semesters, the College offers an intensive January intersession during which students may take one course. There are summer sessions that run from May through August. Students may take a maximum of two courses in Summer Session II and III (June-August).

The undergraduate trimester program for returning adults offers courses in fall, winter and spring trimesters. Additional courses are offered in summer sessions.

For detailed information on registration and course offerings, consult the registrar’s website: www.iona.edu/registrar.

Approved Program of Study

To register for courses in any regular semester or special session, students must obtain from their academic adviser or academic dean a signed program card with the approved program of courses for the semester for which they are registering.

Program Change (Drop/Add)

Students may make changes in their semester program, any time prior to the first day of class and on days indicated in the academic calendar. Changes must be approved by the respective dean.

Cancellation of Scheduled Courses

Courses scheduled for a given semester may be canceled for insufficient registration. Courses may be taken on an independent study basis, as deemed appropriate at the discretion of the dean.

Course Offerings

The schedule of course offerings is approved by the academic deans. Fall, winter, spring and summer offerings are available on the Web.

Advance Registration

With the approval of their advisers, students may register in advance for the next semester. Advance registration is scheduled to begin in March for the fall semester and in October for the spring semester. Those who advance register but fail to finalize the process by arranging for payment of tuition and fees by the payment due date will risk cancellation of their registration. Those who do not register in advance may register at the beginning of the semester in person during the general registration period. (Consult the academic calendar on the registrar’s website.)

Late Registration

There is a limited late registration period at the beginning of each semester. The dates are noted in the academic calendar.

Index-Free Grading

The College permits full-time juniors and seniors at the preferred level of academic standing the option of taking an elective course each semester on an index-free basis. This privilege does not apply to courses required by the College core, the degree core, major or minor requirements, nor does it apply to courses taken during special sessions. Students who file requests for index-free grading in the Registrar’s Office by the dates set forth in the academic calendar will be assigned grades of “P” (Passing) or “U” (Unsatisfactory) upon completion of the course.

Repeating a Course

If a student repeats a course, both grades are shown on the transcript and are included in both the semester and cumulative indices. The course is credited only once toward the total credits earned. In the instance of a second “F” being earned in any course, the “F” is included in the semester and cumulative index both times.

First-Year Amnesty

Any undergraduate student in the first-year of studies at Iona will be given a one-time opportunity for grade amnesty in a course for which the grade of “D” or below was earned. Both grades, the original and the retake, will appear on the student’s transcript. Only the retake grade, if better, will be counted toward the cumulative index. The course will be credited only once toward the total credits earned. First-Year Amnesty will only be granted upon the approval of an academic dean. The repeated course must be taken at Iona College.

Auditing a Course

Students may audit a course that is not required for a degree. Approval from an adviser is required. Full-time students may carry an audited course as their fifth course; if the course is a sixth course, appropriate tuition policy applies. Consult the “Tuition and Fees” section of this bulletin.

Withdrawing from a Course

Students may withdraw from a course with the approval of the academic dean. Students should see the academic calendar for the deadline for withdrawal. For withdrawals by the deadline, the grade of “W” will be issued. Refer to the Iona College refund policy for the financial implications of withdrawal.
**DISMISSAL FROM A COURSE**
Faculty may dismiss a student from a course and assign a grade of “FA” if a student has missed 20 percent of the scheduled classes and has not given evidence of satisfying the course requirements.

**FINAL EXAMINATIONS**
A special period is set aside at the end of each semester for final examinations. All final examinations must take place during that period according to the schedule prepared by the registrar. While testing is prohibited seven calendar days before final examinations, the academic dean may authorize testing for special subjects during that period on the recommendation of the departmental head.

**DEFERRED EXAMINATIONS**
Students who have time period conflicts and/or three examinations in the same day as a result of the published examination schedule are entitled to a make-up examination. Students must make arrangements with the instructor for make-up exams.

**INCOMPLETE COURSE WORK**
If for serious reasons, students are unable to complete one or more requirements of a course, other than the final examination, they should notify the academic dean, who will assist them in arranging for an “incomplete.”

If for some academic reason students wish to apply for an “incomplete,” they must submit a written request for review and approval by the instructor and the academic dean. If the request is granted, the time for submitting outstanding work is extended until the date indicated in the academic calendar. In all cases of “incompletes,” if the course requirements are not met within the extended period of time, the final grade will be recorded as an “F.” Deadlines for submitting material are noted in the academic calendar.

**ALTERNATE WAYS OF EARNING CREDIT**
In addition to taking regular Iona courses, there are several ways to earn credit.

**Advanced Placement (AP)**
Students entering the College who have taken examinations in the Advanced Placement Program of the College Entrance Examination Board will receive credit for scores of three or better.

**International Baccalaureate Organization (IBO)**
Students entering the College who have taken High Level (HL) examinations in an IBO program will receive credit for scores of five or better.

**High School Bridge Programs**
Some high schools have cooperating programs with local colleges and universities which allow students to take college-level courses in the senior year. Iona accepts those credits on a course-by-course basis.

**College Level Examination Program (CLEP)**
Prospective freshmen and transfer students who have taken CLEP proficiency tests must request credit at the time they apply for admission to Iona College. Credit will be granted according to ACE recommendations.

The College also reserves the right to re-evaluate credits offered by transfer students who previously received CLEP credit from other colleges. Current Iona students must obtain permission of the academic dean to take CLEP examinations.

**Credit by Examination**
In certain disciplines, students have the option of studying independently and arranging with the academic dean for a special examination to be prepared by an instructor of a regular Iona course to earn credit for that course. Students wishing to avail themselves of this option should have the approval of the dean and the department chair before preparing for the examination. The rate for credit by examination is one credit per exam.

**Independent Study**
Some departments offer students the opportunity to pursue a topic within the discipline not covered by regular course offerings. With the consent of the department chair and the approval of the academic dean, students may arrange to pursue a course independently under the guidance of a faculty mentor. In general, courses offered through special arrangement involve more student initiative and more written work than regular course offerings. In general, students must have a GPA of 3.0 to be eligible for independent study.

Arrangement for independent study must be made at the time of registration, and the requirements established must be completed by the end of the semester.
Credit for Study at Other Colleges and Universities
Credit for courses taken at institutions other than Iona College will be recognized under the following conditions: (1) written permission to take such courses is obtained in advance from the dean of the appropriate school; (2) the grade received at the other institution is equivalent to, or higher than, the Iona College grade of "C." Such course work will not be included in the student's cumulative index calculations. It is the student's responsibility to have all transcripts sent to Iona.

Students, once matriculated at Iona College, may transfer a maximum of two courses from other institutions. In the event that a compelling case can be made, an exception may be granted by the Dean.

Credit for Graduate Courses
Qualified seniors may take graduate courses for credit with the approval of the appropriate department chair and dean. They must have a cumulative index of at least 3.0, and an index of 3.0 or higher in their major. Such courses may be applied to the undergraduate degree. At the request of the student, these courses may be applied to waive requirements for graduate degree programs. However, these courses will not be counted to fulfill the credits required for the graduate degree.

If the graduate courses were not applied toward an undergraduate degree, a maximum of six credits may be applied toward a graduate degree with the approval of the appropriate department chair. The credits will be computed into total credits passed for the graduate degree.

The above policy does not apply to five year bachelor/master degree programs. See individual program under departmental listings.

Transfer to Another Degree Program or School
All students are registered in a degree program in one of the schools of the College. Students wishing to change their degree program or their school must make arrangements through their academic adviser. Students' academic records are reviewed before they are accepted into the new degree program or school.

Withdrawing from College
Students wishing to withdraw from the College should obtain a withdrawal form from the Office of Student Retention and then proceed to the Office of Student Financial Services to complete the withdrawal process.

For more detailed information on the process and implications of withdrawals, please visit the college website and navigate as follows: Quick Link to Student Financial Services, then select Student Accounts, and then Withdrawals, Drops, and Refunds.

Graduation
Degrees are awarded in February, June and August for semester students, and January, February, April, June and August for trimester students. Six months prior to the expected date of graduation, students must file a Degree Candidate Form with the Office of Student Financial Services. Deadlines for filing are listed in the Academic Calendar. Commencement is held in May for all graduates of a given calendar year. See “Graduation Requirements” for details on graduation and ceremony.

Transcripts
Iona College is partnered with the National Student Clearinghouse online transcript ordering system. Current students can request a transcript through their PeopleSoft account. Non-enrolled students requiring an official Iona transcript should visit the National Student Clearinghouse website at www.nationalstudentclearinghouse.com. Only complete transcripts will be sent out under the College seal; partial or edited transcripts will not be issued under any circumstances. Transcripts will be withheld for students whose financial accounts are in arrears.

Returning to Iona
Procedures for returning to Iona vary, according to the conditions under which a student discontinued studies. Students who are readmitted to the College shall observe the core, degree and major requirements in effect at the time of readmission. Students who completed the core requirements in effect during their prior registration may have current core requirements waived. Degree and major requirements, however, shall not be waived. In exceptional cases, the appropriate academic dean shall be the final arbiter.
Degree Requirements
Traditional Programs

BACCALAUREATE DEGREES

OVERALL STRUCTURE
Each degree program consists of the following elements:

1. The College core is a series of courses required of all undergraduates, except students in the Honors Program.
2. Degree programs in business (BBA) and science (BS) have a specific set of courses required of all students in the degree program: business core or science core. The degree core for BS programs is adjusted to suit particular majors.
3. Each major program has a set of courses required of all students in the particular curriculum. The balance of each program is a number of electives chosen by students to complement their major course of study and to complete the minimum credit requirement. These electives may be used to pursue a minor and, in some instances, a second major.
4. Specific requirements for a degree and for each major are listed in the section of this catalog devoted to the school offering the degree. Unless otherwise specified, a minor in either school requires a minimum of 12 upper level credits in a given discipline beyond those mandated by the College or degree cores.
5. The Bachelor of Arts degree requires a total of 90 liberal arts credits; the Bachelor of Science degree, 60 liberal arts credits; the Bachelor of Business Administration degree, 63 liberal arts credits.

THE COLLEGE CORE CURRICULUM
(As of fall 2007)

The College core curriculum is the program of studies designated by the faculty as essential for providing students with the necessary resources for initiating a lifelong engagement in the study of the liberal arts. All courses are designed to help Iona students achieve those goals which derive from Iona’s educational philosophy. In particular, these courses provide students with skills and knowledge that help them to understand and live in the modern world.

MISSION OF THE CORE CURRICULUM
The mission and unique character of Iona College are reflected in its academic programs. As such, the core curriculum defines a set of courses and experiences considered essential for a liberal arts education. The Iona College Core:

- develops the competencies and ethics required for decision making and problem solving;
- instills the habits of mind required for lifelong learning, critical thinking, and intellectual inquiry;
- blends the rich traditions of the liberal arts with the demands of the post-college marketplace;
- provides the foundation for successful completion of academic and professional programs of study; and
- promotes the values of justice, peace, and service in the tradition of American Catholic higher education.

The College core consists of nineteen courses grouped in six areas:

I. Humanities - Eight courses (English, history, philosophy, religious studies)
II. Social Science - Two courses (economics, political science, psychology, sociology)
III. Mathematics, Science and Technology - Four courses (biology, chemistry, computer science, mathematics, physics, science and technological literacy)
IV. Communication Skills: Two courses (written and oral communication)
V. Fine and Performing Arts: One course (art, music, dance, theater)
VI. Foreign Languages: Two courses (Italian, French, Spanish, German, Japanese, Latin, or Greek)

SPECIFIC REQUIREMENTS
The requirements of the College core are ordinarily met by taking the prescribed courses. In exceptional cases, students may, according to the discipline involved, either substitute a higher level course or satisfy the requirement by demonstrating accomplishment of the goal of the requirement. The procedure for applying for an exception is explained in, “Adjustments to the College Core.”

I. The Humanities – Eight courses (24 credits)
Each of the four departments in the Humanities offers an introductory course that uses appropriate content to introduce students to the methods and approaches of the discipline. Each of these departments also offers one or more second level courses that advance the contents and skills of the first course. Courses will be sequenced so that a first level course in a discipline will be the prerequisite for the second level course in that
discipline. In addition, courses in all disciplines address the theme of understanding and living in the modern world. Students must take one second-level course from each of these departments.

Two courses (6 credits) in each of the following four disciplines are required:

**English Literature** - ENG 203, 204  
**History** - HST 101, 201  
**Philosophy** - PHL 110, 210  
**Religious Studies** - RST 101, and one course chosen from RST 204, 205, 206, 207, 208, or 209.

II. The Social Sciences – Two courses (6 credits) chosen from any one or two of the following four disciplines:

**Economics** - ECO 100, 201, 202  
**Political Science** - POL 201, 203  
**Psychology** - PSY 201, 202  
**Sociology** - SOC 101, 102

Some majors have specific requirements in this area. BBA candidates are required to take ECO 201, 202.

III. Mathematics, Science and Technology – Four courses (12-18 credits) chosen from the following disciplines as specified:

**Mathematics** - One course (3-4 credits) chosen from MTH 123, 134, or MTH 231  
Some majors have specific requirements or require additional courses in mathematics.

**Computer Science** - One course (3-4 credits) chosen from CS 140 or CS 201. Some majors specify CS 201.

**Science** - A two semester sequence of courses (6-10 credits) taken from BIO 101-102, CHM 109-110, PHY 101-102, or STL 100 and one of the following: STL 105, 115, 125, 135, 145, 155, or 165. Some majors have specific requirements in this area.

IV. Communication Skills – Two courses (6 credits)  
One course in written communication and one course in oral communication: ENG 120 and SCS 101

V. Fine and Performing Arts – One course (3 credits)  
One 200 level course in Fine and Performing Arts (art, music, dance, theater) chosen from: FPA 200, 202, 203, 205, 208, 211, 217, 220, 230, 235, 240, 244, 245, 246, 250, 257, 260, or 275.

VI. Foreign Language – Two courses (6 credits)  
Any two courses (6 credits) in sequence in the same language. Credit toward the core language requirement may be earned through certified proficiency testing. Students may not earn credit for courses taken out of sequence, and movement from intermediate to basic courses for from advanced to intermediate or basic courses is prohibited. For instance, a student who has taken a 200 level class can not enroll in a subsequent semester in a 100 level class. At the basic level, the normal sequence is 103-104 and at the intermediate level 203-204/205, 210-211, and 224-225. Under special circumstances a student may qualify for a different intermediate sequence. In such cases, the student must seek the permission of the department chair. The 300 and 400 levels are not distinguishable by level—they are all considered advanced courses.

HONORS DEGREE CORE CURRICULUM

The Honors core is required of all students in the honors program and consists of 68 to 70 credits grouped in 6-7 areas.

I. **Humanities** – Eight courses (Honors sequence 101, 102, 201, 202, one 300-400 level course in each of the following disciplines – English, history, philosophy, religious studies)

II. **Social Science** – Two courses (economics, political science, psychology, sociology)

III. **Mathematics, Science, Technology** – Four courses (one mathematics, two lab sciences, one computer science)

IV. **Communication Skills** – Two courses (Composition, Speech)

V. **Fine and Performing Arts** – One course

VI. **Honors Core** – Three courses 3 credits each, One course 0 credits (Logic, Colloquium, Thesis preparation)

VII. **Modern Languages** – Two courses (French, German, Italian, Japanese, Latin, Spanish)  
*A&S students only
All students, with the exception of students in the Hagan School of Business, will take two courses in a foreign language. If a student has an advanced level of proficiency, the core may be waived through certified proficiency testing.

**Designing a Program of Study**
In designing a program of study with their academic advisers, students should use the following guidelines:
- The minimum full-time semester course load is 12 credits. Ordinarily, students carry 15 credits a semester to complete their degrees in four years.
- Students must complete prerequisite courses before enrolling for advanced courses.
- Student schedules should not include a set of five consecutive class meetings.
- Elective credits should be used to add breadth to the program, rather than an excessive number of credits in the major.
- In addition to the required major field of study, students may, if their degree program permits, elect to complete a second major or a minor field of concentration. “Double majors” must be approved by the academic dean.
- Ordinarily, a single course may be used to satisfy no more than one requirement. Introductory level courses may be used to satisfy the college core.

**Graduation Requirements**
To be eligible for graduation, students must:
1. Earn a minimum of 120 credits for a BA, and 126 credits for a BBA. Some BS degrees require more than 120 credits (check the major description for details);
2. Satisfactorily complete all requirements of the degree program in which they are registered, including the capstone experience which may be set by departments and schools; and
3. Maintain a minimum average of “C” (i.e., 2.0 cumulative index) computed according to the method indicated in this catalog both in their major and in their overall index.

To participate in the Spring Commencement ceremony the following requirements must be met:

**Baccalaureate Degree Students:**
Must have no more than 6 outstanding credits or 2 classes at the end of the spring semester. These final credits must be completed over the summer either at Iona or, with permission from your academic dean, at another college.

**Degree Candidate Form**
All degree candidates must file a Degree Candidate Form with the Office of the Registrar at least six months prior to the expected date of graduation. Deadlines appear in the academic calendar. Degrees are awarded in February, June and August.
**Graduation Rate**

The College is required to publish the following information concerning graduation rates:

For students entering Fall 2007:

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Full-time</th>
<th>Full-time</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>First-time</td>
<td>Transfer</td>
<td></td>
</tr>
<tr>
<td>Number of Students</td>
<td>907</td>
<td>119</td>
<td></td>
</tr>
<tr>
<td>Entering, Fall 2007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in four</td>
<td>476</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>years or less (by</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 31, 2011)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in more</td>
<td>74</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>than four years but</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in five years or less</td>
<td></td>
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<tr>
<td>(by August 31, 2012</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>and by August 31,</td>
<td></td>
<td></td>
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<tr>
<td>2013)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in more</td>
<td>17</td>
<td>2</td>
<td></td>
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<tr>
<td>than five years but</td>
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<td></td>
<td></td>
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<tr>
<td>in six years or less</td>
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<tr>
<td>(after August 31,</td>
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<tr>
<td>2012 and by August</td>
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<td></td>
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<tr>
<td>31, 2013)</td>
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<td></td>
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<tr>
<td>Total graduating</td>
<td>567</td>
<td>89</td>
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</tr>
<tr>
<td>within six years</td>
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</tr>
<tr>
<td>Six year graduation</td>
<td>63%</td>
<td>75%</td>
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</tr>
<tr>
<td>rate</td>
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</table>

(Source: Iona College Office of Institutional Effectiveness and Planning)

For students entering Fall 2006:

<table>
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<tr>
<th></th>
<th>Full-time</th>
<th>Full-time</th>
<th>Full-time</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>First-time</td>
<td>Transfer</td>
<td></td>
</tr>
<tr>
<td>Number of Students</td>
<td>901</td>
<td>131</td>
<td></td>
</tr>
<tr>
<td>Entering, Fall 2006</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in four</td>
<td>506</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>years or less (by</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 31, 2010)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in more</td>
<td>67</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>than four years but</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in five years or less</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(by August 31, 2011)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduated in more</td>
<td>11</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>than five years but</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in six years or less</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(by August 31, 2012)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total graduating</td>
<td>584</td>
<td>94</td>
<td></td>
</tr>
<tr>
<td>within six years</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Six year graduation</td>
<td>65%</td>
<td>72%</td>
<td></td>
</tr>
<tr>
<td>rate</td>
<td></td>
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</tbody>
</table>

(Source: Iona College Office of Institutional Effectiveness and Planning)

**Retention Rate**

**One Year Retention Rate**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Fall 2012 to Fall 2013</td>
<td>83%</td>
<td></td>
</tr>
<tr>
<td>Fall 2011 to Fall 2012</td>
<td>81%</td>
<td></td>
</tr>
<tr>
<td>Fall 2010 to Fall 2011</td>
<td>84%</td>
<td></td>
</tr>
</tbody>
</table>
MISSION

The School of Arts and Science supports the mission of Iona College through its commitment to academic excellence and education in the liberal arts tradition. A community of teacher-scholars devoted to academic excellence, the School of Arts and Science seeks, through the departments that comprise it, to provide all students with an educational foundation that is both traditional and contemporary. Through its major programs at the undergraduate and graduate levels, the School offers courses of study in the traditional liberal arts disciplines and appropriate pre-professional and professional programs that provide academic challenge and intellectual depth, and are rooted in liberal learning. Beyond its own inherent values, such broadly-based education serves especially well the needs of students who will be employed in a rapidly evolving work environment and may change careers several times.

Career-oriented students in the pre-professional and professional programs of the School profit from the liberal arts environment where these programs thrive. They also benefit by taking, along with their career programs, elective and required liberal arts courses that present diverse values, stimulate reflection, and enrich the intellectual life of those students.

In furtherance of these commitments, the School of Arts and Science strives to:

- recruit, retain and support the development of a faculty of exceptional teacher-scholars whose pedagogy is informed by research, experience and scholarship.

OFFERINGS

The School of Arts and Science offers degree programs leading to a Bachelor of Arts (BA) degree in the following majors: computer science; applied mathematics; criminal justice; economics; English; French; history; international studies; Italian; mass communication; mathematics; philosophy; political science; psychology; religious studies; sociology; Spanish; speech communication; and speech language pathology and audiology.

The School offers degree programs leading to a Bachelor of Science (BS) degree in the following majors: biology; biochemistry; chemistry; computer science; economics; education; environmental science; interdisciplinary science; mathematics; medical technology; physics; and social work.

The School also offers degree programs leading to a bachelor of professional studies degree in the following majors: criminal justice; data communications; Internet communication and development; public communication; and psychology.

The School offers students the unique opportunity of earning both a bachelor and master degree over the course of five years. Programs are offered in Chemistry and Computer Science, Chemistry and Education, Computer Science, Criminal Justice, English, Experimental Psychology, History, and Industrial-Organizational Psychology. Please see individual departments for program information.

Most major programs also offer a minor concentration. In addition, there are minors in film studies, fine and performing arts, peace and justice, women's studies, and writing; a special business minor, individual courses in geography, Latin, Japanese and Russian.

The Department of Education offers teacher certification programs in childhood and adolescence education.

DEGREE REQUIREMENTS

All candidates for a degree must complete the graduation requirements for undergraduate degrees indicated in this bulletin. The course requirements
include the College core requirements, either the arts or science degree core as explained below, major requirements as listed for each major, and a number of electives.

COLLEGE CORE
The College core programs, required of all students, are explained in this catalog.

SCIENCE DEGREE CORE
The degree core for candidates for the bachelor of science degree varies. Specific details are listed for each major program.

MAJOR REQUIREMENTS
The requirements for each major are listed in this catalog.

ELECTIVES
The balance of each program is made up of electives which students may use to pursue a second major, a minor, or an area of academic interest. Some of these electives may be used to complete the liberal arts requirement: 90 credits for BA candidates and 60 credits for BS candidates. The overview of each major specifies the number of liberal arts electives required. Courses that do not fulfill the liberal arts requirement are those offered by the Hagan School of Business, “professional” courses such as internships, and studio courses in the arts.

DOUBLE MAJORS AND MINORS
Some students elect to major in a second discipline or to pursue a minor in a second area. In making their decision, students should be aware of College policy as indicated in this catalog.

ADVERTISING
The Department of Mass Communication offers an advertising specialization, as well as electives in the field. Additional electives can be found in the course offerings of the Department of Marketing in the Hagan School of Business. The program in advertising is supported by faculty of the Department of Mass Communication.

BIOLOGICAL SCIENCES
The Department of Biological Sciences offers major programs in biology (HEGIS 0401) and environmental science (HEGIS 0420), each leading to a BS degree. The biology major has three concentrations: general biology, cell and molecular biology and pre-physical therapy. A major in biochemistry is offered through the Department of Chemistry. The Department of Biological Sciences also offers a minor in biology.

Faculty
Chair: T. D’Aversa; Professors: F. Fazio, J. Stabile; Professor Emeritus: G. Pappas; Associate Professors: T. D’Aversa, Y. Kang, E. Muller; Visiting Assistant Professor: P. Letourneau; Health Professions Advisor: J. Stabile.

Objectives
The major programs of the Department of Biological Sciences are designed to meet the needs of students preparing for graduate study, professional schools and careers in laboratory research or the allied health sciences. The curriculum is based on the concept that knowledge in a natural science such as biology is essential to the intellectual development of a college student.

The Department of Biological Sciences offers accelerated programs in chiropractic medicine (New York Chiropractic College) and podiatry (New York College of Podiatric Medicine), and early acceptance and accelerated programs for osteopathic medicine, dentistry and pharmacy (Lake Erie College of Osteopathic Medicine). Students who desire to participate in the accelerated or early acceptance programs must contact and make their intentions known to the Health professions advisor in the fall semester of their freshman year. In order to be considered for a letter of recommendation by the Health professions Committee, students must have a minimum cumulative index of 3.0 and a minimum science index of 3.2. Students are encouraged to meet with the Biology chair during their freshman year to develop a four-year program plan.

BS in BIOLOGY
with a concentration in General Biology, Pre-Physical Therapy/Pre-Physician’s Assistant, or Cell and Molecular Biology.

Overview:

<table>
<thead>
<tr>
<th></th>
<th>General Biology</th>
<th>Pre-Physical Therapy/Pre-Physician’s Assistant</th>
<th>Cell and Molecular Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core*</td>
<td>52 credits</td>
<td>52 credits</td>
<td>52 credits</td>
</tr>
<tr>
<td>Science Core</td>
<td>21 credits</td>
<td>21 credits</td>
<td>21 credits</td>
</tr>
<tr>
<td>Biology Core**</td>
<td>36 credits</td>
<td>37 credits</td>
<td>44 credits</td>
</tr>
<tr>
<td>Required Upper Level Biology</td>
<td>14-18 credits</td>
<td>6-10 credits</td>
<td>6-10 credits</td>
</tr>
<tr>
<td>Required Internship</td>
<td>0-1 credit</td>
<td>6 credits</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requirements</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>123-129</td>
<td>122-126</td>
<td>123-127</td>
</tr>
</tbody>
</table>
* College Core is noted at 52 credits, which is five less than required due to science requirements for Biological Science majors.

** Includes Organic Chemistry with Lab(s) (8-10 credits)

GPA Requirement for all Biology Majors (including all tracks & Environmental Science):
Students must complete BIO 101 and BIO 102 with a grade of C or better in order to continue in the Biology major. Students that fail to earn a C or better must retake the 100-level course(s) before attempting additional Biology courses. Intended majors must earn a C or better in all Biology courses. Students that fail to earn a C or better must repeat that course for it to be considered for major credit.

BS in ENVIRONMENTAL SCIENCE

| College Core* | 52 credits |
| Science Core  | 21 credits  |
| Biology Core** | 36 credits |
| Required Upper-Level Biology Electives | 14-18 credits |
| Required Internship | |
| TOTAL | 124 |

| BIO | 399 | Cell Biology (3 credits) |
| BIO | 450 | Capstone Seminar (2 credits) |
| CHM | 209-210 | Organic Chemistry I, II (6 credits) |
| CHM | 220 | Organic Chemistry Lab (2 credits) |
| CHM | 222 or 320 | Analytical Chemistry Laboratory (3 credits) or Chemical Synthesis Laboratory (2 credits) |

Note: BIO 270 and 451 are no longer in the Biology core.

General Biology Concentration
Four additional upper-level biology electives from those at the 300 and 400 level, not to include BIO 440, 441 - Research, or BIO 445, 446 - Internship, unless the permission of the department chair is obtained. Note: The combination of BIO 480/481 is counted as one course.

Cell and Molecular Biology Concentration
Below are several recommended upper-level biology electives for students pursuing entrance into medical, dental, graduate and other professional schools. Other upper-level biology electives may be substituted for the ones listed below in consultation with the student's advisor.

| BIO | 330 | Developmental Biology (5 credits) |
| BIO | 402 | Histology (4 credits) |
| BIO | 403 | Principles of Toxicology (3 credits) |
| BIO | 406 | Neurobiology (3 credits) |
| BIO | 410 | Introduction to Pharmacology (3 credits) |
| BIO | 440/441 | Research (2 credits each) |

College Core

| MTH | 231 | Calculus I to satisfy part of Core Area III |

Major Requirements

Science Core (21-22 credits): Must be taken by all Biology, Environmental Science majors.

| CHM | 109 - 110 | General Chemistry I, II (10 credits) |
| MTH | 270 | Statistics (3 credits) |
| PHY | 101 - 102 | General Physics (8 credits) |

Six of these science credits are applied to Area III of the college core. MTH 232 Calculus II may substitute for MTH 270.

Biology Core for General Biology Concentration (36-37 credits)

| BIO | 101-102 | General Biology (9 credits) |
| BIO | 201 | Evolution, Ecology, and Biodiversity (4 credits) |
| BIO | 211 | Genetics (5 credits) |
| BIO | 316 | Microbiology (4 credits) |

Six of these science credits are applied to Area III of the college core. MTH 232 Calculus II may substitute for MTH 270.
Biology Core for the Cell and Molecular Biology Concentration (44 credits)

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101-102</td>
<td>General Biology (8 credits)</td>
</tr>
<tr>
<td>BIO 201</td>
<td>Ecology, Evolution, and Biodiversity (4 credits)</td>
</tr>
<tr>
<td>BIO 211</td>
<td>Genetics (5 credits)</td>
</tr>
<tr>
<td>BIO 316</td>
<td>Microbiology (4 credits)</td>
</tr>
<tr>
<td>BIO 399</td>
<td>Cell Biology (3 credits)</td>
</tr>
<tr>
<td>BIO 419/420</td>
<td>Biochemistry: Proteins and Metabolism (3 credits) and Biochemistry Lab (2 credits)</td>
</tr>
<tr>
<td>BIO 450</td>
<td>Capstone Seminar (2 credits)</td>
</tr>
<tr>
<td>BIO 480/481</td>
<td>Molecular Biology Lecture (3 credits) and Molecular Biology Lab (2 credits)</td>
</tr>
<tr>
<td>CHM 209-210</td>
<td>Organic Chemistry I &amp; II (6 credits)</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Lab (2 credits)</td>
</tr>
</tbody>
</table>

Note: BIO 270 and 451 are no longer in the Biology core.

Pre-Physical Therapy/Pre-Physician’s Assistant Concentration

College Core

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td>Calculus I, to satisfy part of Core Area III (4 credits)</td>
</tr>
</tbody>
</table>

Science Core

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 109-110</td>
<td>General Chemistry I &amp; II (10 credits)</td>
</tr>
<tr>
<td>MTH 270</td>
<td>Statistics (3 credits)</td>
</tr>
<tr>
<td>PHY 101-102</td>
<td>General Physics (6 credits applied to Area III of College Core)</td>
</tr>
</tbody>
</table>

Major Core

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101-102</td>
<td>General Biology (8 credits)</td>
</tr>
<tr>
<td>BIO 238-239</td>
<td>Anatomy and Physiology I &amp; II (8 credits)</td>
</tr>
<tr>
<td>BIO 211</td>
<td>Genetics (5 credits)</td>
</tr>
<tr>
<td>BIO 316</td>
<td>Microbiology (4 credits)</td>
</tr>
<tr>
<td>BIO 445-446</td>
<td>Internship (6 credits)</td>
</tr>
<tr>
<td>BIO 450</td>
<td>Capstone Seminar (2 credits)</td>
</tr>
<tr>
<td>CHM 209-210</td>
<td>Organic Chemistry I &amp; II (6 credits)</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Laboratory (2 credits)</td>
</tr>
<tr>
<td>Plus 2 more Biology electives</td>
<td>6-10 credits</td>
</tr>
<tr>
<td>Plus one Upper-Level Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>Total</td>
<td>75-81 credits</td>
</tr>
</tbody>
</table>

Total number of credits to Graduate: 123-127

Environmental Science Major

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101-102</td>
<td>General Biology (8 credits)</td>
</tr>
<tr>
<td>BIO 201</td>
<td>Evolution, Ecology, and Biodiversity (4 credits)</td>
</tr>
<tr>
<td>BIO 211</td>
<td>Genetics (5 credits)</td>
</tr>
<tr>
<td>BIO 316</td>
<td>Microbiology (4 credits)</td>
</tr>
<tr>
<td>BIO 399</td>
<td>Cell Biology (3 credits)</td>
</tr>
<tr>
<td>BIO 450</td>
<td>Seminar (2 credits)</td>
</tr>
<tr>
<td>CHM 209-210</td>
<td>Organic Chemistry I &amp; II (6 credits)</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Lab (2 credits)</td>
</tr>
<tr>
<td>CHM 222</td>
<td>Analytical Chemistry Lab (2 credits)</td>
</tr>
</tbody>
</table>

Note: Bio 270 and 451 are no longer in the major.

Below are the 4 recommended upper-level biology electives for students majoring in environmental science. Other upper-level biology electives (e.g. Oceanography) may be substituted for the ones listed below in consultation with the student’s academic adviser. Environmental science majors must also take the Analytical Chemistry Laboratory (CHM 222) as part of the Biology Core. BIO 440-441-Research are also recommended.

Other Options

Teacher Certification - Grades 7-12

Students wishing to major in biology and receive teacher certification for grades 7-12 must complete all the requirements for the BS in biology, which include the requisite 45 credits in science, as well as 33 credits in education outlined in this catalog. This program will require a minimum of 144 credits.

Minor Concentration

Students wishing to complete a minor in biology must complete BIO 101-102 and 12 credits in biology.

BUSINESS MINOR

The Hagan School of Business offers a minor concentration in business to students pursuing a BA or BS degree. The business minor consists of an abbreviated business core and a concentration in one of the major areas of business: accounting, finance, management, information systems, international business, management, and marketing.

The business minor is offered to students in the School of Arts and Science by the faculty of the Hagan School of Business in conjunction with the Departments of Economics and Mathematics.
Minor Requirements:

A. 6-7 credits in Arts and Science composed of:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 134</td>
<td>3</td>
<td>Brief Calculus</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>4</td>
<td>Calculus I</td>
</tr>
<tr>
<td>ECO 201</td>
<td>3</td>
<td>Basic Microeconomic Analysis</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 202</td>
<td>3</td>
<td>Basic Macroeconomic Analysis</td>
</tr>
</tbody>
</table>

B. 24 credits in Business composed of:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 201</td>
<td>3</td>
<td>Principles of Financial Accounting</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 202</td>
<td>3</td>
<td>Principles of Managerial Accounting</td>
</tr>
<tr>
<td>BUS 130</td>
<td>3</td>
<td>The Legal Environment of Business</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 410</td>
<td>3</td>
<td>The Role of Business in Contemporary Society</td>
</tr>
<tr>
<td>BUS 150</td>
<td>3</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>BUS 220</td>
<td>3</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 230</td>
<td>3</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 240</td>
<td>3</td>
<td>Principles of Marketing</td>
</tr>
</tbody>
</table>

C. Minor Concentration
In addition to the above Principles course (3 credits), the student must complete 12 credits or four courses in his/her minor concentration. These courses should be chosen from the requirements of one of the majors in the Hagan School of Business. Due attention must be paid to prerequisites for these courses. Liberal arts and science students may not take more than 27 credits in business.

BIOCHEMISTRY/CHEMISTRY

The Department of Chemistry offers major programs in biochemistry (HEGIS 0414) and chemistry (HEGIS 1905). The department also offers a minor in chemistry, and two bachelor/master degree programs, one in Chemistry and Education (HEGIS 1905.1), and the second in Chemistry and Computer Science (HEGIS 1901.0701). The Department of Chemistry also offers the enhanced degree option of an ACS certified BS degree in Chemistry. This option provides a deeper understanding of the discipline and is often an advantage when seeking employment or admission to graduate or professional programs. The department also offers a minor in chemistry.

Faculty
Chair: S. Lee; Professors: T. Gavin, J. Levkov, S. Lee; Professor Emeriti: S. Acerbo, L. Campisi; Assistant Professor: K. Kristian; Internship Program Coordinator: J. Levkov.

Objectives
In the Chemistry programs, students learn the methods of critical thinking and how to apply their analysis in a creative manner to solve real world problems. These qualities are essential for responsible citizenship, and for success in advanced studies and professional training.

A biochemistry or chemistry major is excellent preparation for medical, dental or veterinarian school, and a variety of health and science related professions.

Overview:

<table>
<thead>
<tr>
<th>Per Semester</th>
<th>BS in Biochemistry</th>
<th>BS in Chemistry (ACS)</th>
<th>BS in Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>62 credits</td>
<td>62 credits</td>
<td>62 credits</td>
</tr>
<tr>
<td>Add'l Required Science</td>
<td>16 credits</td>
<td>7-8 credits</td>
<td>8 credits</td>
</tr>
<tr>
<td>Add'l Co-Requisites</td>
<td>4 credits</td>
<td>8 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>44 credits</td>
<td>39-41 credits</td>
<td>27-28 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>1-4 credits</td>
<td>18-19 credits</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>126 credits</td>
<td>120 credits</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

Required Courses in the College Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td>4</td>
<td>Calculus I to satisfy part of Area III</td>
</tr>
<tr>
<td>BIO 101,102</td>
<td>8</td>
<td>General Biology I &amp; II (Biochem majors)</td>
</tr>
<tr>
<td>CHM 109,110</td>
<td>8</td>
<td>General Chemistry I &amp; II (Chem majors)</td>
</tr>
</tbody>
</table>

Additional Required Science:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 109,110</td>
<td>10</td>
<td>General Chemistry I &amp; II (Biochem majors)</td>
</tr>
<tr>
<td>PHY 101,102</td>
<td>10</td>
<td>General Physics I and II (Biochem and Chem majors)</td>
</tr>
</tbody>
</table>
Two advanced electives are required, as advised (4-6 credits). Advanced electives may be chosen from: CHM 401, 409, 441, 442, or PHY 323, 324.

**BS IN CHEMISTRY (Non-ACS)**

Students who choose to major in chemistry must complete the following:

**A. Major Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 209, 210</td>
<td>Organic Chemistry I &amp; II (6 credits)</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Lab (2 credits)</td>
</tr>
<tr>
<td>CHM 222</td>
<td>Analytical Chemistry (2 credits)</td>
</tr>
<tr>
<td>CHM 309, 310</td>
<td>Physical Chemistry I &amp; II (6 credits)</td>
</tr>
<tr>
<td>CHM 311, 312</td>
<td>Physical Chemistry Lab I &amp; II (4 credits)</td>
</tr>
<tr>
<td>CHM 320</td>
<td>Chemical Synthesis Lab (2 credits)</td>
</tr>
<tr>
<td>CHM 322</td>
<td>Instrumental Analysis (3 credits)</td>
</tr>
<tr>
<td>CHM 417</td>
<td>Inorganic Chemistry (3 credits)</td>
</tr>
<tr>
<td>CHM 421</td>
<td>Biochemistry I (3 credits)</td>
</tr>
<tr>
<td>CHM 420 or 441 or 442</td>
<td>Biochemistry Lab or Research I &amp; II (2 credits)</td>
</tr>
<tr>
<td>CHM 450</td>
<td>Seminar (2 credits)</td>
</tr>
</tbody>
</table>

CHM electives may be chosen from: CHM 401, 409, 417, 420, 421, 430, 441 and 442.

**BS in Chemistry/MS in Computer Science (5 Year Program)**

This program will allow students to complete a Bachelor of Science in Chemistry and a Master of Science in Computer Science in a five years. One specific objective of the program is to prepare students to enter the field of Computational Chemistry. In general, the program would allow students to acquire expertise in two distinct knowledge bases so that they will possess the capability of managing technological applications and innovations across the two disciplines. Graduates will be prepared to pursue advanced degrees or to enter industry.

We offer two tracks in this five year program: (1) ACS certified BS in CHM/MS in CS, and (2) BS in CHM/MS in CS.

**Required Courses in the College Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td>Calculus I to satisfy part of Area III</td>
</tr>
<tr>
<td>CHM 109, 110</td>
<td>General Chemistry I &amp; II</td>
</tr>
</tbody>
</table>

**Additional Required Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 101, 102</td>
<td>General Physics I and II</td>
</tr>
</tbody>
</table>

**Additional Co-requisites**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 232</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MTH 233 or 302</td>
<td>Calculus III or Differential Equations</td>
</tr>
<tr>
<td>MTH 310</td>
<td>Discrete Math</td>
</tr>
</tbody>
</table>
A. Major Courses, Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 209, 210</td>
<td>Organic Chemistry I &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHM 222</td>
<td>Analytical Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>CHM 309, 310</td>
<td>Physical Chemistry I &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>CHM 311, 312</td>
<td>Physical Chemistry Lab I &amp; II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 320</td>
<td>Chemical Synthesis Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHM 322</td>
<td>Instrumental Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CHM 409</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 417</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 421</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHM 441 or 442</td>
<td>Research I or II</td>
<td>2</td>
</tr>
<tr>
<td>CHM 450</td>
<td>Seminar</td>
<td>2</td>
</tr>
<tr>
<td>CHM Elective</td>
<td>One advanced elective, as advised</td>
<td>2-3</td>
</tr>
</tbody>
</table>

Choice of Advanced Electives

CHM 401, CHM 441, CHM 442, PHY 323, PHY 324.

Students may choose a non ACS-certified BS in CHM/MS in CS, in which case they may take two free elective courses in replacement of CHM 320, CHM 421, CHM 417, CHM Advanced Elective.

B. Major Courses, Computer Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201, 202</td>
<td>Computer Science I &amp; II</td>
<td>8</td>
</tr>
<tr>
<td>CS 600</td>
<td>Data structures</td>
<td>3</td>
</tr>
<tr>
<td>CS 610</td>
<td>Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>CS 650</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 772</td>
<td>Parallel and Scientific Computing</td>
<td>3</td>
</tr>
<tr>
<td>CS 620</td>
<td>Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 630</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 981</td>
<td>Thesis</td>
<td>3</td>
</tr>
<tr>
<td>CS Elective</td>
<td>Three courses as advised, as advised, as advised</td>
<td>9</td>
</tr>
</tbody>
</table>

BS in Chemistry/MST in Adolescent Education, Chemistry (5 Year Program)

This five year combined BS/MST program in Adolescent Education/Chemistry prepares students for teaching grades 7-12. The program leads to a Bachelor of Science degree and a Master of Science in Teaching degree as well as New York State initial certification to teach Adolescent Education/Chemistry. Students complete core curriculum and Chemistry major requirements for the undergraduate degree and enter the Education graduate program in the fifth year.
Admission to the Five Year Program
Candidates seeking admission to the BS/MST Adolescent Education: Chemistry Program begin in the fall semester of their junior year in fulfilling required criteria. At the end of the spring semester of the candidates’ junior year, they are required to have completed the Declaration of Major form that includes meeting all of the admission requirements including meeting the goals and the performance outcomes attached to the key assessments in their junior year. General admission requirements may be found in the Undergraduate catalog and may include the following:

- Submit the official “request for admissions” form
- Have a minimum GPA of 3.0 at the time of admission (Spring semester of the junior year)
- Have a minimum grade of “B” in English composition, speech communication, and one mathematics course
- Submit three letters of recommendation, one submitted by Education faculty, one from the chemistry Department, and one submitted by faculty outside the Education/chemistry Departments
- Provide a well written autobiography
- Have a successful interview with Education faculty
- Submit a signed “Professional Commitments and Dispositions” form
- Complete a “Declaration of Major” form
- Meet all of the goals and performance outcomes addressed by key assessments in Phase I of the program

Continuation in the Program
Any education or content area course, including student teaching, in which a student earns less than a ‘C’ grade must be repeated.

Throughout the program, teacher candidates are required to demonstrate the dispositions for effective teachers that are stated in the department’s Conceptual Framework. Candidates are also required to meet the ethical and professional standards expected of all educators that are found in the Code of Ethics. Any failure to uphold the dispositions for effective teaching and the ethical standards for educators in the profession will result in dismissal from the program.

Other Options
Pre-Professional Health Programs
A major in chemistry or biochemistry is excellent preparation for medicine or other health and science professions. Students preparing for medical or dental careers must take BIO 101-102 in addition to courses required by the major program. Additional electives should be chosen with the aid of faculty advisers.

BS in Chemistry/Fast Track MBA
The fast track program is designed for non-business students who want a business background prior to entering graduate or professional school, and for professional school graduates who would like an MBA before starting a residency program.

Students may jump start the BS in Chemistry/MBA program through the Hagan School of Business at Iona College. Chemistry and Biochemistry majors can apply up to 24 undergraduate credits in business school classes, i.e., finance or management, toward an Iona MBA degree, enabling students to earn both degrees in as little as five years. For details about this program, please consult with the Chemistry department chair, and the Associate Dean of the Hagan School of Business.

Minor Concentrations:
Students wishing to complete a minor in chemistry must choose one of the following options:

Option I – CHM 109, 110, 209, 210, 220, and one 300-400 level elective. (20-21 credits)

Option II – CHM 109, 110, 309, 310, and two 200-400 level electives. (20-21 credits)

Option III (Bio majors) – CHM 309 and 310, in addition to CHM 109, 110, 209, 210, 220, and 222 or 320. (26 credits)

(See paragraphs and charts above for program details).

COMPUTER SCIENCE
The Department of Computer Science offers a BA and a BS in computer science (HEGIS 0701). The department also offers two five-year combined bachelor/master degree programs and two minor concentrations.

CS Student Learning Outcomes
At the completion of the program, students should be able to:

1. analyze the requirements of a computing problem
2. design the solution of a computing problem
3. implement the solution of a computing problem using appropriate data structures and programming languages
4. use mathematical underpinnings of the discipline of computer science
5. examine the efficiency of the design of a hardware and a software system
6. recognize the ethical, legal and social implications of computing in a global society
7. use oral and written communication skills to convey technical information effectively and accurately
8. use their interpersonal skills when working in a team environment

CS Program Educational Objectives
Graduates of the program should in 3-5 years:

1. be employed in a computing or related field or be enrolled in or have completed a graduate program
2. work independently to analyze the requirements of complex problems and then design and implement solutions to meet customer/client business, educational or research objectives
3. communicate professionally on technical issues in both oral and written form
4. contribute effectively in a collaborative environment
5. adapt readily to new technologies and/or disciplines

Faculty
Chair: R. Schiaffino; Professor: A. Halaris; Professors Emeritis: J. Mallozzi, K. Murray; Associate Professors: F. Bailie, M. Huang, L. Ivanov, R. Schiaffino, Assistant Professors: S. D'Alessio, S. Petrovic, C. Tsai; Visiting Assistant Professor: K. Bailie.

BA IN COMPUTER SCIENCE
Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>58-63 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Prerequisites</td>
<td>10 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>28 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>19-24 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

College Core:

<table>
<thead>
<tr>
<th>CS 201 Computer Science I</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 134 Brief Calculus</td>
<td>3 credits</td>
</tr>
<tr>
<td>Students with appropriate background will be advised to take MTH 231, Calculus I</td>
<td></td>
</tr>
</tbody>
</table>

Major Prerequisites:

<table>
<thead>
<tr>
<th>CS 202 Computer Science II</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 163 Applied Discrete Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>MTH 270 Applied Statistics</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Major Requirements:

<table>
<thead>
<tr>
<th>CS 231 Programming in a UNIX Environment</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 301 Data Structures and Algorithm Analysis</td>
<td>3 credits</td>
</tr>
<tr>
<td>CS 311 Computer Organization and Architecture</td>
<td>4 credits</td>
</tr>
<tr>
<td>CS 321 Data Base Organization and Design</td>
<td>3 credits</td>
</tr>
<tr>
<td>CS 451 Operating Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>CS 481 Software Project Development: Design</td>
<td>3 credits</td>
</tr>
<tr>
<td>CS 482 Software Project Development: Implementation</td>
<td>3 credits</td>
</tr>
<tr>
<td>One additional CS course at the 300-400 level</td>
<td>3 credits</td>
</tr>
<tr>
<td>One additional CS course at the 400 level</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Index Requirement:
CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of “C” or better. To continue in the major, students who fail to earn a grade of “C” or better in a required course must repeat that course before taking additional courses.

BS IN COMPUTER SCIENCE
Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>61-63 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Degree Core</td>
<td>6-10 credits</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>17 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>37 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>0-2 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>123-127 credits</td>
</tr>
</tbody>
</table>

College Core:

<table>
<thead>
<tr>
<th>CS 201 Computer Science I</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231 Calculus I</td>
<td>4 credits</td>
</tr>
<tr>
<td>One laboratory-based sequence acceptable for major credit in PHY, CHM, or BIO (8-10 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Degree Core

Two additional science courses acceptable for major credit in PHY, CHM or BIO (6-10 credits)

Major Prerequisites:

<table>
<thead>
<tr>
<th>CS 202 Computer Science II</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 310 Discrete Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>MTH 232 Calculus II</td>
<td>4 credits</td>
</tr>
<tr>
<td>MTH 408 Automata and Formal Languages</td>
<td>3 credits</td>
</tr>
<tr>
<td>MTH 432 Probability and Statistics</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
## Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment</td>
<td>3</td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture</td>
<td>4</td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 331</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 451</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 481</td>
<td>Software Project Development: Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 482</td>
<td>Software Project Development: Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

One additional CS course at the 300-400 level (3 credits)
One additional CS course at the 400 level (3 credits)

**Two of the following courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 411</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CS 421</td>
<td>Advanced Organization and Implementation of Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 431</td>
<td>Compiler Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 452</td>
<td>Advanced Operating Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

**Index Requirement:**

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of "C" or better. To continue in the major, students who fail to earn a grade of "C" or better in a required course must repeat that course before taking additional courses.

## BA in Computer Science with a Concentration in Cyber-Security

### Overview

- **College Core:** 58-63 credits
- **Major Prerequisites:** 10-11 credits
- **Major Requirements:** 25 credits
- **Concentration Requirements:** 9 credits
- **Open Electives:** 12-18 credits
- **Total:** 120 credits

### College Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 134 or 231**</td>
<td>Brief Calculus (3 credits) Students with appropriate background will be advised to take MTH 231, Calculus I</td>
<td></td>
</tr>
</tbody>
</table>

### Major Prerequisites:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 163 or 310**</td>
<td>Applied Discrete Mathematics or Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 270</td>
<td>Applied Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**MTH 231 and MTH 310 are required for CS 409 Cryptography**

### Major Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment</td>
<td>3</td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture</td>
<td>4</td>
</tr>
<tr>
<td>CS 315</td>
<td>Software Security</td>
<td>3</td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 451</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 481*</td>
<td>Software Project Development: Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 482*</td>
<td>Software Project Development: Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

*Software Projects in CS 481-CS 482 will be security project.

### Cyber Security Concentration: Select 3 Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 409</td>
<td>Cryptography</td>
<td>3</td>
</tr>
<tr>
<td>CS 422</td>
<td>Database Security</td>
<td>3</td>
</tr>
<tr>
<td>CS 472</td>
<td>Web Application Security</td>
<td>3</td>
</tr>
<tr>
<td>CS 474</td>
<td>Mobile Application Security</td>
<td>3</td>
</tr>
<tr>
<td>CS 477</td>
<td>Network Security</td>
<td>3</td>
</tr>
</tbody>
</table>

**Index Requirement:**

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of "C" or better. To continue in the major, students who fail to earn a grade of "C" or better in a required course must repeat that course before taking additional courses.

## BS in Computer Science with a Concentration in Cyber-Security

### Overview

- **College Core:** 61-63 credits
- **Science Core:** 6-10 credits
- **Major Prerequisites:** 17 credits
- **Major Requirements:** 40 credits
- **Open Electives:** 0-2 credits
- **Total:** 124-130 credits

### College Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>2 course sequence in Biology, Chemistry or Physics (8-10 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 additional courses in Biology, Chemistry or Physics (6-10 credits)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

68 Iona College
**Minor Concentration: Web Programming**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>CS 201 (4 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisites for Web Programming Minor</td>
<td>CS 202 (4 credits)</td>
</tr>
<tr>
<td>Web Programming Minor Requirements</td>
<td>CS 231, CS 262, CS 263, CS 362, and CS 363 (15 credits)</td>
</tr>
</tbody>
</table>

*Note: These courses, which satisfy Core requirements, are prerequisites for other courses in the minor.*

**COMPUTER SCIENCE FIVE-YEAR COMBINED BA/MS, BS/MS DEGREES**

The Department of Computer Science offers four five-year combined bachelor’s/master’s programs:

I. **BA IN COMPUTER SCIENCE/MS IN COMPUTER SCIENCE**

II. **BS IN COMPUTER SCIENCE/MS IN COMPUTER SCIENCE**

III. **BA IN COMPUTER SCIENCE WITH A CONCENTRATION IN CYBER SECURITY/MS IN COMPUTER SCIENCE**

IV. **BS IN COMPUTER SCIENCE WITH A CONCENTRATION IN CYBER SECURITY/MS IN COMPUTER SCIENCE**

The purpose of the programs is to allow superior students to accelerate the pace of learning and to complete the bachelor’s and master’s programs in five years. Students will accomplish this goal by taking 15 to 18 graduate credits during the first four years that fulfill current undergraduate requirements and, in the fifth year, satisfy graduate requirements. Graduate courses taken in the undergraduate program are calculated as part of the undergraduate cumulative index. Graduate courses taken in the graduate program (fifth year) are calculated as part of the graduate cumulative index. The program will follow the existing curricula for undergraduate and graduate programs currently offered by the department. As part of the program, students will engage in a variety of internship experiences.

After four years, students will have completed the bachelor’s program. Upon completion of the five-year program, students will have a bachelor’s and a master’s degree, as well as significant internship experience that will allow them to pursue an exciting career in computer science and/or a doctoral degree. The program should be completed in a maximum of six years.
I. BA IN COMPUTER SCIENCE/MS IN COMPUTER SCIENCE

In the first four years, students will complete 120 credits to fulfill the bachelor’s degree, including 18 graduate credits toward the master’s degree. In the fifth year, students will complete the remaining 18 credits to fulfill the 36 credits of the master’s degree.

BA IN COMPUTER SCIENCE/ MS IN COMPUTER SCIENCE

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>58-63</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>10</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>28</td>
</tr>
<tr>
<td>Open Electives</td>
<td>19-24</td>
</tr>
<tr>
<td>Total Credits BA Degree</td>
<td>120</td>
</tr>
</tbody>
</table>

Year 5

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Computer Science Courses</td>
<td>15</td>
</tr>
<tr>
<td>Total Credits MS Degree</td>
<td>135</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 134</td>
<td>Brief Calculus (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 163</td>
<td>Applied Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 270</td>
<td>Applied Statistics (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture (4 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 481</td>
<td>Software Project Development: Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 482</td>
<td>Software Project Development: Implementation (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Graduate level courses taken as an Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 630</td>
<td>Programming Languages (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 650</td>
<td>Operating Systems (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Four Graduate Level CS Electives (12 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Fifth Year MS Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 980</td>
<td>Thesis Preparation Seminar (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 981</td>
<td>Thesis (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three Graduate CS Electives (9 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Index Requirement

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of “C” or better. To continue in the major, students who fail to earn a grade of “C” or better in a required course must repeat that course before taking additional courses.

II. BS IN COMPUTER SCIENCE/ MS IN COMPUTER SCIENCE

In the first four years, students will complete 120-124 credits to fulfill the bachelor’s degree, including 18 graduate credits toward the master’s degree. In the fifth year, students will complete the remaining 18 credits to fulfill the 36 credits of the master’s degree.

BS IN COMPUTER SCIENCE/ MS IN COMPUTER SCIENCE

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>61-63</td>
</tr>
<tr>
<td>Science Core</td>
<td>6-10</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>17</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>40</td>
</tr>
<tr>
<td>Open Electives</td>
<td>0</td>
</tr>
<tr>
<td>Total Credits BS Degree</td>
<td>124-130</td>
</tr>
</tbody>
</table>

Year 5

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Computer Science Courses</td>
<td>15</td>
</tr>
<tr>
<td>Total Credits MS Degree</td>
<td>139-145</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I (4 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 163</td>
<td>Applied Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 270</td>
<td>Applied Statistics (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture (4 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 481</td>
<td>Software Project Development: Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 482</td>
<td>Software Project Development: Implementation (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Degree Core

Two additional science courses acceptable for major credit in PHY, CHM or BIO (6-10 credits)

Major Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 310</td>
<td>Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 232</td>
<td>Calculus II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 408</td>
<td>Automata and Formal Languages (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 432</td>
<td>Probability and Statistics (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>
Major Requirements

Each of the following undergraduate courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment</td>
<td>3</td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture</td>
<td>4</td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 331</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 481</td>
<td>Software Project Development: Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 482</td>
<td>Software Project Development: Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduate level courses taken as an Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 650</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 710</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CS 720</td>
<td>Advanced Topics in Database</td>
<td>3</td>
</tr>
<tr>
<td>CS 730</td>
<td>Compiler Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 750</td>
<td>Advanced Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three Approved Graduate Level CS Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Fifth Year MS Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 980</td>
<td>Thesis Preparation Seminar</td>
<td>3</td>
</tr>
<tr>
<td>CS 981</td>
<td>Thesis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Three Graduate CS Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Index Requirement

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of “C” or better. To continue in the major, students who fail to earn a grade of “C” or better in a required course must repeat that course before taking additional courses.

III. BA IN COMPUTER SCIENCE WITH A CONCENTRATION IN CYBER-SECURITY/ MS IN COMPUTER SCIENCE

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>58-63</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>10</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>25</td>
</tr>
<tr>
<td>Concentration Requirements</td>
<td>12</td>
</tr>
<tr>
<td>Open Electives</td>
<td>10-15</td>
</tr>
<tr>
<td>Total Credits in BA Degree</td>
<td>120</td>
</tr>
</tbody>
</table>

Year 5

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Computer Science</td>
<td>15</td>
</tr>
<tr>
<td>Total Credits MS Degree</td>
<td>135</td>
</tr>
</tbody>
</table>

College Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I (4 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Prerequisites:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 310</td>
<td>Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 270</td>
<td>Applied Statistics (3 credits)</td>
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</tbody>
</table>

Major Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment</td>
<td>3</td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization and Architecture</td>
<td>4</td>
</tr>
<tr>
<td>CS 331</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 481</td>
<td>Software Project Development: Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 482</td>
<td>Software Project Development: Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduate level courses taken as an Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 620</td>
<td>Database</td>
<td>3</td>
</tr>
<tr>
<td>CS 709</td>
<td>Cryptography</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2 Electives chosen from: CS 722, CS 771, CS 775, CS 779 (6 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 Graduate Level CS Electives (6 credits)</td>
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</tr>
</tbody>
</table>

*Software Projects in CS 481-CS 482 will be security project.

MS Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 980</td>
<td>Thesis Preparation Seminar</td>
<td>3</td>
</tr>
<tr>
<td>CS 981</td>
<td>Thesis</td>
<td>3</td>
</tr>
<tr>
<td>CS 630</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 650</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1 Additional CS Graduate Elective (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

*Thesis will be on a security topic

Index Requirement

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of “C” or better. To continue in the major, students who fail to earn a grade of “C” or better in a required course must repeat that course before taking additional courses.
IV. BS IN COMPUTER SCIENCE WITH A CONCENTRATION IN CYBER-SECURITY/ MS IN COMPUTER SCIENCE

Overview

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>College Core</td>
<td>61-63</td>
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<tr>
<td>Science Core</td>
<td>6-10</td>
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<tr>
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<tr>
<td>Major Requirements</td>
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<tr>
<td>Open Electives</td>
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<tr>
<td>Total Credits BS Degree</td>
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</table>

Year 5

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Computer Science Courses</td>
<td>15</td>
</tr>
<tr>
<td>Total Credits MS Degree</td>
<td>139-145</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I (4 credits)</td>
<td></td>
</tr>
</tbody>
</table>

One laboratory based sequence acceptable for major credit in PHY, CHM or BIO (8-10 credits)

2 additional courses in Biology, Chemistry or Physics (6-10 credits)

Major Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 310</td>
<td>Discrete Mathematics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 232</td>
<td>Calculus II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 408</td>
<td>Automata and Formal Languages (3 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 409</td>
<td>Cryptography (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 231</td>
<td>Programming in a UNIX Environment (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 301</td>
<td>Data Structures and Algorithm Analysis (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 311</td>
<td>Computer Organization (4 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 315</td>
<td>Software Security (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 321</td>
<td>Database Organization and Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 481*</td>
<td>Software Project Development: Design (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 482*</td>
<td>Software Project Development: Implementation (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Graduate level courses taken as an Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 630</td>
<td>Programming Languages (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 650</td>
<td>Operating Systems (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 722</td>
<td>Database Security (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 771</td>
<td>Web Security (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Graduate level courses taken as an Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 630</td>
<td>Programming Languages (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CS 650</td>
<td>Operating Systems (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

CRIMINAL JUSTICE

The Department of Criminal Justice offers a major concentration in criminal justice (HEGIS 2105) leading to a BA degree through the School of Arts and Science. The BPS degree is available in the program for returning adults. The department also offers a minor in criminal justice and a minor in Security Threat Assessment and Terrorism Studies.

Faculty

Chair: C. Lavery; Professor: P. O’Connell; Professor Emeritus: J. DeSanto; Associate Professors: C. Lavery, R. Mealia; Assistant Professor: J. Klein.

Objectives

The major program in criminal justice is an interdisciplinary program based in the liberal arts with special emphasis on the social and behavioral sciences.

BA in Criminal Justice

Overview

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>3</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>33</td>
</tr>
<tr>
<td>Open Electives</td>
<td>27</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201</td>
<td>General Psychology I</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 202</td>
<td>General Psychology II</td>
<td></td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Index Requirement

CS 201, CS 202 and all other courses counted toward the major must be completed with a grade of “C” or better. To continue in the major, students who fail to earn a grade of “C” or better in a required course must repeat that course before taking additional courses.
Note: CRJ 450 is a professional course and not a liberal arts course.

Major Requirements - BA Degree
Students who choose to major in criminal justice must complete the following:

A. Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 201</td>
<td>Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL 203</td>
<td>Introduction to Global Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 205</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 305</td>
<td>Substantive Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 317</td>
<td>Criminal Evidence &amp; Procedure</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 320</td>
<td>Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 325</td>
<td>Critical Issues in Policing</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 330</td>
<td>Criminal Justice Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 400</td>
<td>Research Methods in Criminal Justice &amp; Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 450</td>
<td>Internship in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 490</td>
<td>Contemporary Issues in Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

Any two electives from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 310</td>
<td>Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 360</td>
<td>Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 491-499</td>
<td>Special Topics In Criminal Justice (3 credits)</td>
<td>3</td>
</tr>
<tr>
<td>CHM 125</td>
<td>Criminalistics Laboratory</td>
<td>3</td>
</tr>
</tbody>
</table>

Students who choose to minor in Security Threat Assessment and Terrorism Studies while completing the major in Criminal Justice must complete the following:

BA IN CRIMINAL JUSTICE/MINOR IN SECURITY THREAT ASSESSMENT & TERRORISM STUDIES

BA IN Criminal Justice

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>3</td>
</tr>
<tr>
<td>Criminal Justice Degree Core</td>
<td>27</td>
</tr>
<tr>
<td>General Electives (used to complete Minor)</td>
<td>6</td>
</tr>
<tr>
<td>CRJ Elective requirements</td>
<td>27</td>
</tr>
<tr>
<td>Total credits needed for graduation</td>
<td>120</td>
</tr>
</tbody>
</table>

Recommendations

Students majoring in criminal justice who intend to pursue graduate study in psychology or related areas are encouraged to take PSY 323-324 - Statistics for the Behavioral Sciences I and II, and PSY 390 - Experimental Psychology I.

Students planning to obtain employment in the metropolitan area are encouraged to include Spanish in their program.

Minor Concentration

Students wishing to minor in criminal justice must complete 18 credits including CRJ 205.

BA IN CRIMINAL JUSTICE/MS IN CRIMINAL JUSTICE

In the first four years, students will complete the credits necessary to fulfill the bachelor’s degree requirements for the BA in Criminal Justice, including 18 graduate credits of Criminal Justice that is applied towards the master’s degree in Criminal Justice. In the fifth year, students will complete the remaining 18 credits to fulfill the 36 credits of the master’s degree.
**ECONOMICS**

The Department of Economics offers both BA and BS programs in economics (HEGIS 2204). The Department also offers a minor in economics.

**Faculty**

*Chair*: R. Jantzen; *Professor*: R. Jantzen; *Professors Emeritis*: J. Holland, M. Lesser; *Assistant Professors*: B. Sengupta, N. Iliescu; *Visiting Assistant Professor*: C. Greatrex.

**Objectives**

The BA program in economics is designed to provide students with a broad liberal arts background and the descriptive and analytical skills necessary for an understanding of complex economic functions. The BS program in economics is designed to meet the needs of students who wish to develop greater quantitative skills through concentrations in mathematics and science. Both programs prepare students for careers in business, law, government service, social science fields and education. Both provide a solid foundation for graduate studies in a variety of fields.

**BA IN ECONOMICS**

<table>
<thead>
<tr>
<th>Overview</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College Core</strong></td>
<td>57 credits</td>
</tr>
<tr>
<td><strong>Major Prerequisites</strong></td>
<td>03 credits</td>
</tr>
<tr>
<td><strong>Economics Degree Core</strong></td>
<td>24 credits</td>
</tr>
<tr>
<td><strong>Major Requirements</strong></td>
<td>21 credits</td>
</tr>
<tr>
<td><strong>General Electives (used to complete CRJ requirements)</strong></td>
<td>15 credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120 credits</td>
</tr>
</tbody>
</table>

**Criminal Justice Degree Core**

| CRJ 205 | Introduction to Criminal Justice (Prerequisite to all upper level CRJ courses or permission of the Department Chair) | 3 credits |
| CRJ 305, 317 | Law Sequence | 6 credits |
| CRJ 320 | Corrections | 3 credits |
| CRJ 325 | Critical Issues in Policing | 3 credits |
| CRJ 400 | Research Methods | 3 credits |
| CRJ 450 | Internship in Criminal Justice | 3 credits |
| | Capstone in Criminal Justice | 3 credits |

**MS IN CRIMINAL JUSTICE**

**Overview:**

- **Graduate Core (12 credits completed in BA Program)**: 21 credits
- **Electives (3 credits completed in BA program)**: 12 credits
- **Thesis/Final Project**: 6 credits
- **TOTAL**: 39 credits

**FIFTH YEAR PROGRAM**

**Additional Courses (18 credits):**

- Six additional graduate CRJ courses including CRJ 950 and CRJ 951

**Thesis/Final Project (6 credits):**

| CRJ 950 | Thesis Course in Criminal Justice (3 credits) |
| CS 981 | Thesis Project (3 credits) |

**BA IN CRIMINAL JUSTICE**

<table>
<thead>
<tr>
<th>Overview</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College Core</strong></td>
<td>57 credits</td>
</tr>
<tr>
<td><strong>Major Prerequisites</strong></td>
<td>03 credits</td>
</tr>
<tr>
<td><strong>Criminal Justice Degree Core</strong></td>
<td>24 credits</td>
</tr>
<tr>
<td><strong>Major Requirements</strong></td>
<td>21 credits</td>
</tr>
<tr>
<td><strong>General Electives (used to complete cRJ requirements)</strong></td>
<td>15 credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120 credits</td>
</tr>
</tbody>
</table>

**Criminal Justice Degree Core**

| CRJ 205 | Introduction to Criminal Justice (Prerequisite to all upper level CRJ courses or permission of the Department Chair) | 3 credits |
| CRJ 305, 317 | Law Sequence | 6 credits |
| CRJ 320 | Corrections | 3 credits |
| CRJ 325 | Critical Issues in Policing | 3 credits |
| CRJ 400 | Research Methods | 3 credits |
| CRJ 450 | Internship in Criminal Justice | 3 credits |
| | Capstone in Criminal Justice | 3 credits |

**MS IN CRIMINAL JUSTICE**

**Overview:**

- **Graduate Core (12 credits completed in BA Program)**: 21 credits
- **Electives (3 credits completed in BA program)**: 12 credits
- **Thesis/Final Project**: 6 credits
- **TOTAL**: 39 credits

**FIFTH YEAR PROGRAM**

**Additional Courses (18 credits):**

- Six additional graduate CRJ courses including CRJ 950 and CRJ 951

**Thesis/Final Project (6 credits):**

| CRJ 950 | Thesis Course in Criminal Justice (3 credits) |
| CS 981 | Thesis Project (3 credits) |

**ECONOMICS**

- Economics of Money and Banking (3 credits)
- Econometrics (3 credits)
- Intermediate Microeconomics (3 credits)
- Intermediate Macroeconomics (3 credits)
Recommendations
The Department of Economics encourages students in the BA and BS programs to take additional coursework in mathematics, accounting, and finance. We also recommend that BS program students explore minors or double majors in mathematics.

Other Options
Teacher Certification - Social Studies (Grades 7-12)
Students wishing to major in economics and receive teacher certification in social studies for grades 7-12 must complete all the requirements of the BA degree in economics, which include the requisite 36 credits in social studies, and at least 33 credits in education.

Internships
The Department offers a credit-bearing internship program with a select group of organizations. Invitations to participate in the program are extended to a limited number of students each semester from among those who have demonstrated high academic achievement.

Minor Concentration
Students wishing to complete a minor in economics must take MTH 134, Brief Calculus or the equivalent, ECO 309 - Statistics for Economists or equivalent, and the introductory courses in economics, ECO 201-202. In addition, they must take four courses at the 300 or 400 level, one of which must be either ECO 315 - Intermediate Microeconomics or ECO 316 - Intermediate Macroeconomics.

EDUCATION
The Education Department aims at preparing teacher candidates to work with diverse populations through the development of a strong professional commitment and a disposition that all students can learn. The department believes that becoming a teacher is a life-long journey of learning and caring.

Faculty

Objectives
The competent teacher candidate is:
- knowledgeable of the content that is being taught;
- an instructional guide;
- a mediator of learning;
- a critical thinker and problem solver;
• a reflective practitioner;
• an effective communicator;
• committed to the teaching profession; and
• committed to diversity.

The Education Department at Iona College is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave., NW, Suite 500, Washington, DC 20036; phone (202) 466-7496. This accreditation covers initial teacher preparation programs and advanced education preparation programs. NCATE is recognized by the US Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel.

The Education Department offers the following programs that lead to partial fulfillment of requirements for New York State Initial Teaching Certificate:
• Childhood Education (Grades 1 - 6) (HEGIS 0802)
• Dual: Early Childhood/Childhood: (Birth to Grade 6) (HEGIS 0802)
• Adolescence Education: Biology (7-12) (HEGIS 0401)
• Adolescence Education: English (7-12) (HEGIS 1501)
• Adolescence Education: Mathematics (7-12) (HEGIS 1701)
• Adolescence Education: Social Studies (7-12) (HEGIS 2201)
• Adolescence Education: Spanish (7-12) (HEGIS 1105)

Additional requirements to obtain a New York State Initial Teaching Certificate:
1. Passing of the following New York State Teacher Certification Exams:
   • edTeacher Peformance Assessment (edTPA)
   • Academic Literacy Skills Test (ALST)
   • Educating All Students Test (EAS)
   • Content Specialty Test
2. Completion of Child Abuse Workshop and the SAVE Workshop
3. Fingerprinting

The New York State Education Department is in the process of changing regulations for teacher certification. Education majors are required to meet with their advisors regularly to receive updates regarding certification requirements.

New York State Teacher Certification Examination (NTSYCE)
Iona College Pass Rates:
Program Year 2011-2012
ATS-W (Assessment of Teaching Skills-Written): 100%
LAST (Liberal Arts and Science Test): 100%

Statewide 2011-2012
ATS-W (Assessment of Teaching Skills-Written): 99%
LAST (Liberal Arts and Science Test): 99%

Admission to the Program
Candidates seeking admission to the approved teacher certification program must:
1. Submit the official “Request for Admissions” form.
2. Have a minimum GPA of 3.0 at the time of admission.
3. Have a “B” grade or better in courses in English composition, speech communications, and one mathematics course. A satisfactory score on the verbal section of ALST may be substituted for the required grade in English composition. A satisfactory score on the mathematics section of ALST may be substituted for the required grade in mathematics. Use of appropriate speech in the admission interview may be substituted for the required grade in speech communications.
4. Submit three letters of recommendation.
5. Provide a well-written autobiography.
6. Be interviewed by a faculty member of the department.
7. Sign a “Dispositional Commitment Form.”
8. Provide fingerprinting documentation.

The Education Department’s Admissions Committee will evaluate all requests for admission to the program and monitor each candidate’s performance throughout the program and their professional dispositions.

Continuation in the Program
Any education course, including student teaching, in which a student earns less than a “C” grade must be repeated. Students enrolled in the Adolescent Education programs must earn a ‘C’ or higher in at least 30 credits of their content area.

Throughout the program, teacher candidates are required to demonstrate the dispositions for effective teachers that are stated in the department’s Conceptual Framework. Candidates are also required to meet the ethical and professional standards expected of all educators that are found in the Code of Ethics. Any failure to uphold the dispositions for effective teaching and the ethical standards for educators in the profession will result in dismissal from the department.

Enrollment in any education course at the junior level or senior level is open to students who are fully declared as a major in an education degree program.
BS IN CHILDHOOD EDUCATION
(Grades 1-6)

**College Core**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
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<td>English</td>
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<td>History</td>
<td>60</td>
</tr>
<tr>
<td>Math</td>
<td>58</td>
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**Major Requirements**

<table>
<thead>
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<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
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<tr>
<td>Major Requirements</td>
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**Liberal Arts Concentration**
(with 6-12 credits from core)

<table>
<thead>
<tr>
<th>Concentration</th>
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<tr>
<td>Biology</td>
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<tr>
<td>History</td>
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**Total Credits**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Math</td>
<td>125</td>
</tr>
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</table>

**General Education Core: Sophomore Level**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 201</td>
<td>Principles and Procedures of Education (3 credits)</td>
</tr>
<tr>
<td>EDU 202</td>
<td>Foundational Theory (3 credits)</td>
</tr>
<tr>
<td>EDU 250</td>
<td>Introductory Field Experience in Education (1 credit)</td>
</tr>
<tr>
<td>EDU 210</td>
<td>Introduction to Special Education (3 credits)</td>
</tr>
<tr>
<td>PSY 212</td>
<td>Child Psychology (3 credits)</td>
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</table>

**Specific Pedagogical Core: Junior Level**
(Majors Only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDU 350</td>
<td>Field Experience II (1 credit)</td>
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<tr>
<td>EDU 370</td>
<td>Language and Literacy Acquisition and Development in Children: Birth to Grade 6 (3 credits)</td>
</tr>
<tr>
<td>EDU 373</td>
<td>Instruction and Assessment Strategies for Learning Mathematics for All Children (3 credits)</td>
</tr>
<tr>
<td>EDU 382</td>
<td>An Integrated Approach to Teaching the Language Arts (3 credits)</td>
</tr>
<tr>
<td>EDU 383</td>
<td>Instruction and Assessment for Teaching Social Studies to All Children (3 credits)</td>
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**Professional Semester: Senior Level**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>EDU 380</td>
<td>Constructing Literacy Portfolios for Effective Teaching (3 credits)</td>
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**Major Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDU 384</td>
<td>Instruction and Assessment for Teaching Science in Inclusive Classrooms (3 credits)</td>
</tr>
<tr>
<td>EDU 467</td>
<td>Observation and Student Teaching at Early Childhood and Childhood Levels (3 credits)</td>
</tr>
</tbody>
</table>

**BS IN EARLY CHILDHOOD/CHILDHOOD EDUCATION (DUAL) (Birth to Grade 6)**

**College Core**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Biology</td>
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<td>English</td>
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<tr>
<td>History</td>
<td>60</td>
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<tr>
<td>Math</td>
<td>58</td>
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</table>

**Major Requirements**

<table>
<thead>
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<th>Requirement</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Major Requirements</td>
<td>47</td>
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</table>

**Liberal Arts Concentration**
(with 6-12 credits from core)

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Biology</td>
<td>22</td>
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<tr>
<td>English</td>
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<tr>
<td>History</td>
<td>18+1</td>
</tr>
<tr>
<td>Math</td>
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**Total Credits**

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<td>History</td>
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<tr>
<td>Math</td>
<td>131</td>
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</table>

**General Education Core: Sophomore Level**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 201</td>
<td>Principles and Procedures of Education (3 credits)</td>
</tr>
<tr>
<td>EDU 202</td>
<td>Foundational Theory (3 credits)</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Frameworks for the Education of All Children in Inclusive Settings (3 credits)</td>
</tr>
<tr>
<td>EDU 250</td>
<td>Introductory Field Experience in Education (1 credit)</td>
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</table>
### General Education Core: Sophomore Level

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EDU 201</td>
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</tr>
<tr>
<td>EDU 202</td>
<td>Foundational Theory</td>
<td>3</td>
</tr>
<tr>
<td>EDU 250</td>
<td>Introductory Field Experience in Education</td>
<td>1</td>
</tr>
<tr>
<td>EDU 210</td>
<td>Introduction to Special Education</td>
<td>3</td>
</tr>
<tr>
<td>PSY 213</td>
<td>Adolescent Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Specific Pedagogical Core: Junior Level (Majors Only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 337</td>
<td>Instruction and Assessment Strategies on the Secondary Level</td>
<td>3</td>
</tr>
<tr>
<td>EDU 350</td>
<td>Field Experience II</td>
<td>1</td>
</tr>
<tr>
<td>EDU 374</td>
<td>Literacy and Learning in the Middle and Secondary Schools</td>
<td>3</td>
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</table>

### Professional Semester Senior Level

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 375</td>
<td>Literacy Across the Curriculum: Teaching Reading in the Content Areas</td>
<td>3</td>
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</table>

### Required Education Courses (31 credits)

### Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
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<tbody>
<tr>
<td>College Core</td>
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<tr>
<td>Science Degree Core</td>
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<tr>
<td>Chemistry Degree Credits</td>
<td>27-28</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
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<tr>
<td>Graduate Education</td>
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</tr>
</tbody>
</table>

### Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 109</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHM 110</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHM 209</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 222</td>
<td>Analytic Chemistry</td>
</tr>
<tr>
<td>CHM 210</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHM 220</td>
<td>Organic Chemistry Lab</td>
</tr>
<tr>
<td>CHM 309</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>CHM 421</td>
<td>Biochemistry I</td>
</tr>
<tr>
<td>CHM 450</td>
<td>Seminar</td>
</tr>
<tr>
<td>CHM 441</td>
<td>Research</td>
</tr>
<tr>
<td>CHM 425</td>
<td>Chemical Safety</td>
</tr>
<tr>
<td>CHM 322</td>
<td>Instrumental Analysis</td>
</tr>
<tr>
<td>MTH 231</td>
<td>(4 credits)</td>
</tr>
<tr>
<td>MTH 232</td>
<td>(4 credits)</td>
</tr>
<tr>
<td>PHY 101</td>
<td>Physics I</td>
</tr>
<tr>
<td>PHY 102</td>
<td>Physics II</td>
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</tbody>
</table>

### Graduate Education (33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDU 640</td>
<td>Literacy &amp; Learning in Content Areas</td>
</tr>
<tr>
<td>EDU 653</td>
<td>Instruction &amp; Assessment in Secondary Schools</td>
</tr>
<tr>
<td>EDU 660</td>
<td>Foundations of Special Education</td>
</tr>
<tr>
<td>EDU 712</td>
<td>Extending Literacy and Learning in the Content Areas for Adolescent Learners</td>
</tr>
<tr>
<td>EDU 721</td>
<td>Modern Educational Philosophies</td>
</tr>
<tr>
<td>EDU 783</td>
<td>Multimedia in Teaching</td>
</tr>
</tbody>
</table>
Admission to the Five Year Program
Candidates seeking admission to the BS/MST Adolescent Education: Chemistry Program begin in the fall semester of their junior year in fulfilling required criteria. At the end of the spring semester of the candidates’ junior year, they are required to have completed the Declaration of Major Form that includes meeting all of the admission requirements including meeting the goals and the performance outcomes attached to the key assessments in their junior year. General admission requirements may be found in the Undergraduate Catalog and include the following:

- Submit the official “Request for Admissions” form
- Have a minimum GPA of 3.0 at the time of admission (spring semester of the junior year)
- Have a minimum grade of “B” in English composition, speech communication, and one mathematics course.
- Submit three letters of recommendation, one submitted by Education Faculty, one from the Chemistry Department, and one submitted by Faculty outside the Education/Chemistry Departments
- Provide a well-written autobiography
- Have a successful interview with Education Faculty
- Submit a signed “Professional Commitments and Dispositions” form
- Complete a “Declaration of Major” form
- Meet all of the goals and performance outcomes addressed by key assessments in Phase I of the Program.
- Provide fingerprinting documentation

Continuation in the Program
Any education or content area course, including student teaching, in which a student earns less than a ‘C’ grade must be repeated.

Throughout the program, teacher candidates are required to demonstrate the dispositions for effective teachers that are stated in the department’s Conceptual Framework. Candidates are also required to meet the ethical and professional standards expected of all educators that are found in the Code of Ethics and in the department’s statement of plagiarism. Any failure to uphold the dispositions for effective teaching and the ethical standards for educators in the profession will result in dismissal from the program.

Required Subject Area Courses
Consult individual departments for courses required for each major.

BS in Adolescence Education: Biology
BS in Adolescence Education: Mathematics
BA in Adolescence Education: English
BA in Adolescence Education: Mathematics
BA in Adolescence Education: Social Studies
BA in Adolescence Education: Spanish

INITIAL CERTIFICATION
Childhood, Adolescence
Additional requirements to obtain a New York State Initial Teaching Certificate:
1. Passing of the following New York State Teacher Certification Exams:
   - edTeacher Performance Assessment (edTPA)
   - Academic Literacy Skills Test (ALST)
   - Educating All Students Test (EAS)
   - Content Specialty Test
2. Completion of Child Abuse Workshop and the SAVE Workshop
3. Fingerprinting

The New York State Education Department is in the process of changing regulations for teacher certification. Education majors are required to meet with their advisors regularly to receive updates regarding certification requirements.

Childhood Education and Adolescence Education Majors
To obtain an extension of Childhood Education (Grades 1-6) or Adolescence Education (Grades 7-12) to include Middle School Certificate (Grades 5-9), students must pass the Content Specialty Test in the chosen content area and take the following two courses:

<table>
<thead>
<tr>
<th>EDU</th>
<th>388</th>
<th>Learning Needs for the Middle School Student (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU</td>
<td>389</td>
<td>Teaching Strategies for the Middle School Student (3 credits)</td>
</tr>
</tbody>
</table>

ENGLISH
The Department of English offers a major program in English (HEGIS 1501) leading to a BA degree and a five-year combined BA/MA degree program (HEGIS 1501). In addition, the Department offers basic and advanced courses in writing, as well as elective and core courses in literature. The Department also offers a minor in English and a minor in film studies, and participates in an interdisciplinary minor in writing.
Faculty

BA IN ENGLISH

Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>57 credits</th>
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</thead>
<tbody>
<tr>
<td>Major Requirements</td>
<td>30 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>3 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

Major Requirements

Students who major in English must complete the following:

A. Major Courses

| ENG 301 Shakespeare: Comedy and History (3 credits) |
| OR |
| ENG 302 Shakespeare: Tragedy and Romance (3 credits) |
| ENG 314 Introduction to Literary Studies (3 credits) |
| ENG 401 Chaucer: The Canterbury Tales (3 credits) |
| OR |
| ENG 407 Chaucer: Troilus and Criseyde and the Minor Poems (3 credits) |
| ENG 499 Senior Capstone: Literature and Criticism (3 credits) |
| ENG American Literature Course |

Of these five courses, only one may be in creative writing, and one MUST be in American Literature.

B. Comprehensive Requirement

The comprehensive requirement will be met when students successfully complete ENG 499, the Senior Capstone seminar.

Other Options

Teacher Certification - Grades 7-12

Students wishing to concentrate in English and receive teacher certification for grades 7-12 must complete all the requirements of the English major including specific areas of study required for adolescent education, as well as the 33 credits in Education as outlined in this catalog. NCATE requirements for students who began the teacher certification program (7-12) after September 2003 are available from the English Department.

Intenships

Students in their senior year may complement their major course of study with an internship course (ENG 480) with the approval of the Instructor and the Department Chair. Appropriate internships are arranged with a select group of corporations, publishers and governmental organizations.

Minor Concentration

Students wishing to minor in English complete 12 credits (four courses) of 300 and 400 level courses including at least six credits in British Literature, but excluding ENG 480. Of the four courses in the minor, only one may be in creative writing.

Writing Minor

A list of courses required for the Writing Minor is available on page 111 of this catalog.

MINOR IN THOMAS PAINE STUDIES

The Department of English, History, Philosophy, and Political Science offer a 15-credit, interdisciplinary minor in Thomas Paine Studies. Information about the minor and requirements for completing the minor are located on page 108 of this bulletin.

BA/MA IN ENGLISH

A student enrolled in the five-year combined BA/MA program in English will undertake 15 graduate credits while pursuing the regular undergraduate English major (30 credits). The 15 graduate credits (which commence in the spring semester of the junior year) will count toward the 120 credits required for the BA degree and toward the 33-36 credits required for the MA in English. In the fifth year, the student will complete 18 or 21 graduate credits in fulfillment of the requirements for the MA in English. To enter the program (normally in the junior year), students must have attained a 3.3 undergraduate overall index and a 3.5 index in their undergraduate English courses. To continue in the program, students must maintain a 3.0 index in their graduate courses and a 3.5 index in their undergraduate major courses.
ENVIRONMENTAL SCIENCE

The BS program in environmental science (HEGIS 0420) is offered in cooperation with Concordia College. It is supported by the Department of Biological Sciences at both schools. Major requirements are detailed in the Biology section of this catalog.

ENVIRONMENTAL STUDIES

The Departments of Biology, Political Science, and Religious Studies offer a major program in Environmental Studies (HEGIS 0420) leading to a B.A. degree. The major allows flexibility in designing a program around one of three distinct concentrations: Politics and Policy, Religious Studies, or Ecological and Environmental Literacy. In addition, the department offers core courses and electives.

Faculty
Associate Professors: T. D’Aversa (Biology), T. Mulligan (Political Science), E. Procario-Foley (Religious Studies)

Objectives
The Mission of the Environmental Studies degree is to offer students an integrated and comprehensive understanding of the “Living Earth” and humankind’s impact upon the environment, and to prepare them to meet the challenges of care and protection confronting our planet.

BA IN ENVIRONMENTAL STUDIES

Overview

<table>
<thead>
<tr>
<th></th>
<th>Politics and Policy</th>
<th>Religious Studies</th>
<th>Ecological and Environmental Literacy</th>
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<td>59-60 credits</td>
<td>60 credits</td>
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<td>Major Courses</td>
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<td>Common Courses</td>
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<td>Co/Prerequisites</td>
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<td>120 credits</td>
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Required Courses in the College Core (20-21 credits)

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<tr>
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<th>Credits</th>
<th>Description</th>
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</thead>
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<tr>
<td>BIO 125</td>
<td>4 credits</td>
<td>Environmental Science I</td>
</tr>
<tr>
<td>BIO 225</td>
<td>4 credits</td>
<td>Environmental Science II</td>
</tr>
<tr>
<td>MTH 134 or 231</td>
<td>3 credits</td>
<td>Brief Calculus OR Calculus I</td>
</tr>
<tr>
<td>POL 201</td>
<td>3 credits</td>
<td>Introduction to American Government</td>
</tr>
<tr>
<td>POL 203</td>
<td>3 credits</td>
<td>Introduction to Global Politics</td>
</tr>
<tr>
<td>RST 213</td>
<td>3 credits</td>
<td>Religion and the Natural World</td>
</tr>
</tbody>
</table>

*Student pursuing a concentration in Ecological and Environmental Literacy must take MTH 231

Major Requirements

A. Common Courses:
Courses Required for All Concentrations (10 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 452</td>
<td>1 credit</td>
<td>Environmental Colloquium</td>
</tr>
<tr>
<td>ENV 495</td>
<td>3 credits</td>
<td>Capstone Seminar in Environmental Studies</td>
</tr>
<tr>
<td>POL 368</td>
<td>3 credits</td>
<td>Environmental Politics</td>
</tr>
<tr>
<td>RST 341</td>
<td>3 credits</td>
<td>The Story of the Universe: Foundational Cosmology and Earth History</td>
</tr>
</tbody>
</table>

B. Concentration Courses

POLITICS AND POLICY

Group 1: Required Courses (3 courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 370</td>
<td>3 credits</td>
<td>Environmental Economics and Sustainable Development</td>
</tr>
<tr>
<td>POL 302</td>
<td>3 credits</td>
<td>Social Statistics</td>
</tr>
<tr>
<td>POL 383</td>
<td>3 credits</td>
<td>Public Policy</td>
</tr>
</tbody>
</table>

Group 2: Area Electives (choose two)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 300</td>
<td>3 credits</td>
<td>Special Topics in Environmental Studies</td>
</tr>
<tr>
<td>POL 372</td>
<td>3 credits</td>
<td>Environmental Law</td>
</tr>
<tr>
<td>POL 373</td>
<td>3 credits</td>
<td>Global Cities and the Environment</td>
</tr>
<tr>
<td>POL 380</td>
<td>3 credits</td>
<td>Bureaucracy</td>
</tr>
<tr>
<td>POL 483</td>
<td>3 credits</td>
<td>Internship in Political Science</td>
</tr>
</tbody>
</table>

Students may also choose courses from the Religious Studies concentration or the Ecological and Environmental Literacy concentration or any approved elective chosen by the student and major advisor.
REQUIREMENTS FOR THE MINOR IN
ENVIRONMENTAL STUDIES (16-18 credits)

All students who choose to minor in Environmental Studies must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 125*</td>
<td>Environmental Science</td>
<td>4</td>
</tr>
<tr>
<td>POL 368</td>
<td>Environmental Politics (POL 368)</td>
<td>3</td>
</tr>
<tr>
<td>RST 213*</td>
<td>Religion and the Natural World</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may then choose two electives in the minor:

** Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 201</td>
<td>Ecology, Evolution, and Biodiversity</td>
<td>4</td>
</tr>
<tr>
<td>BIO 206</td>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIO 225</td>
<td>Environmental Science II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 314</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 316</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 320</td>
<td>Oceanography</td>
<td>4</td>
</tr>
<tr>
<td>BIO 403</td>
<td>Toxicology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 430</td>
<td>Microbial Ecology</td>
<td>4</td>
</tr>
<tr>
<td>ECO 370</td>
<td>Environmental Economics and Sustainable Development</td>
<td>3</td>
</tr>
<tr>
<td>POL 383</td>
<td>Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL 373</td>
<td>Global Cities and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>POL 372</td>
<td>Environmental Law</td>
<td>3</td>
</tr>
<tr>
<td>RST 341</td>
<td>Story of the Universe</td>
<td>3</td>
</tr>
<tr>
<td>RST 404</td>
<td>Catholic Teaching on the Integrity of Creation</td>
<td>3</td>
</tr>
<tr>
<td>RST 412</td>
<td>Christian Environmental Ethics</td>
<td>3</td>
</tr>
<tr>
<td>RST 339</td>
<td>Spirituality for an Ecological Era</td>
<td>3</td>
</tr>
</tbody>
</table>

** BIO 125 may not be used to satisfy Core Area III (Science).

*RST 213 may not be used to satisfy Core Area I (200-level Religious Studies).

FILM STUDIES

The Department of English offers a minor in film studies. The Film Studies program offers courses designed to provide a broad overview of film culture, with emphasis upon important historical and critical trends, film form and style. Students develop critical skills through careful analysis of individual films, major movements, genres and national cinemas. Film courses are open to all students. They may
be taken either as electives, or for credit toward the minor. The minor requires completion of any five approved film courses (15 credits total).

Music - Required courses:
- 3-6 credits of either Music Appreciation, Music in World Cultures, History of Popular Music.
- 3 credits Music Theory
- 6-9 credits, The Iona College Instrumental Ensemble
- 3 credits in dance, theatre or visual arts

Dance - Required courses:
- 3-6 credits Modern Dance I, Choreography I, Ballet I, Jazz I
- 6-9 credits The Iona College Dance Ensemble
- 3-6 credits of either World Dance Forms, Women in Dance, Dance Appreciation, Dance Outreach
- 3 credits in music, theatre or visual arts

Theatre - Required Courses:
- 3-6 credits Acting I, Acting II, Intro to Theatre
- 3-6 credits, Theatre History: The Ancient Greek Theater to the Renaissance.
- 6-9 credits, The Iona College Theatre Ensemble
- 3 credits in dance, music or visual arts

Visual Arts - Required Courses:
- 6-9 credits in Art Appreciation, Women in Art, Modern Art in NYC Collections, Drawing and Painting I, Sculpture I, Digital Photography I
- 6-9 credits in Drawing and Painting II, Acrylic Painting, Watercolor, Intermediate Sculpture, Digital Photography II
- 3 credits in music, theatre or dance

FINE AND PERFORMING ARTS
The Fine and Performing Arts Department offers courses applicable to the college core, and elective courses for all programs. These courses include music, theatre, dance, and visual art. Students may choose an 18 credit minor concentration in one of these disciplines. The department also contributes courses to the writing minor program.

Faculty
Chairperson: T. Donnarumma; Associate Professors: T. Donnarumma, S. Lapa, C. Mapp; Assistant Professor: C. Shansky.

Objectives
The Fine and Performing Arts Department recognizes that visual art, music, theater and dance are essential components of any cultural heritage. The offering of courses in the fine arts recognizes the need for an understanding of the fundamental human appeal of these art forms through the basic principles of aesthetic literacy.

Minor Concentration
The Fine and Performing Arts Department offers a Minor Program with an 18 credit concentration in either dance, music, visual arts or theatre. Interested students should contact the FPA Department Chairperson.

The FPA Minor Program (18 credits)
Music, Dance, Theatre or Visual Arts.
5 courses (15 credits) in area of concentration with specified courses.
1 course (3 credits) in alternate area

FOREIGN LANGUAGES
The Department of Foreign Languages offers major and minor programs in French (HEGIS 1102), Italian (HEGIS 1104) and Spanish (HEGIS 1105). In its major programs, the department offers courses in language, culture and civilization, and literature. All courses may be applied to the core curriculum or taken as electives.

Faculty
Chair: V. Ketz; Professors Emeriti: E. Gomez-Quintero, G. Van Den Bossche; Associate Professors: E. Buonanno, V. Ketz, D. Malanga, T. Mussio; Assistant Professors: J. Cussen, J. Gomez-Fernandez; Instructor: J. Sullo.

Overview

<table>
<thead>
<tr>
<th></th>
<th>BA in French</th>
<th>BA in Italian</th>
<th>BA in Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57 credits</td>
<td>57 credits</td>
<td>57 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
<td>24 credits</td>
<td>24 credits</td>
</tr>
<tr>
<td>Capstone</td>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
Major Requirements

Prerequisite - All Majors
A minimal proficiency at the intermediate level of the language is required for any 300 or 400 level course.

**FRENCH**
Students who choose to major in French must complete the following:

A. Major Courses
Eight courses or 24 credits chosen from 300 and 400 level courses.

B. Capstone Requirement
Candidates for the BA in French must complete FRE 452 - Seminar in French Literature.

**ITALIAN**
Students who choose to major in Italian must complete the following:

A. Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITA 305 or 306</td>
<td>Advanced Italian Composition (3 credits each)</td>
</tr>
<tr>
<td>ITA 307 or 308</td>
<td>Advanced Italian Conversation (3 credits each)</td>
</tr>
<tr>
<td>ITA 313</td>
<td>Italian Theater (3 credits)</td>
</tr>
<tr>
<td>ITA 401</td>
<td>Dante I (3 credits)</td>
</tr>
<tr>
<td>ITA 402</td>
<td>Dante II (3 credits)</td>
</tr>
</tbody>
</table>

and three additional courses or nine credits chosen from the 300 and 400 level courses under the direction of the department chair or adviser.

B. Capstone Requirement
Candidates for the BA in Italian must complete ITA 450 - Seminar in Italian Literature.

**SPANISH**
Students who choose to major in Spanish must complete the following:

A. Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 305</td>
<td>Advanced Spanish Composition I (3 credits)</td>
</tr>
<tr>
<td>SPA 306</td>
<td>Advanced Spanish Composition II (3 credits)</td>
</tr>
</tbody>
</table>

Choose two of the following:

and four additional courses, or 12 credits, chosen from the 300 and 400 level courses under the direction of the departmental chair or faculty adviser.

B. Capstone Requirement
Candidates for the BA in Spanish must complete SPA 451 - Seminar in Spanish and Spanish American Literature.

Recommendations
Language majors are urged to broaden their studies to include other modern or classical languages.

French, Italian, or Spanish majors may double major in another language, International Studies, or any other area of study. Majors and Minors are encouraged to study abroad, during the summer months or for a full semester. Interested students may consult members of the Department of Foreign Languages.

Other Options
*Teacher certification - Grades 7-12*
Students who wish to major in French, Italian or Spanish and receive teacher certification for grades 7-12 must complete all the requirements of the major, which include the requisite 27 credits in a given language, as well as the 33 credits in education outlined in this catalog.

Minor Concentration
In addition to six credits for core curriculum requirements, students wishing to minor in French, Italian or Spanish must complete 12 credits chosen from 300 and 400 level courses in the language of their choice. Students in the Hagan School of Business may major in French, German, Italian, or Spanish.

**GEOGRAPHY**
The Department of History offers a number of electives in geography to complement major course offerings in business, economics, international studies and political science.

Geography is defined as the study of spatial relations and spatial processes on the earth’s surface in a variety of scales ranging from local to worldwide. The courses in geography provide students with an understanding of these spatial relations and processes and their significance to human activities,
Objectives
The programs in the department of History are designed to provide students with a foundation for successful careers in a broad variety of professions. Serving the humanities area of the College core, the department seeks to meet student needs for substantive knowledge and skills development by means of a wide range of courses.

Overview:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits (Range)</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57-63 credits</td>
</tr>
<tr>
<td>Major Corequisites</td>
<td>6 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>0-3 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>27-30 credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120 credits</td>
</tr>
</tbody>
</table>

Major Requirements

**BA IN HISTORY**

Students who choose to major in history must complete the following:

A. Corequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 207</td>
<td>The Growth of the American Republic</td>
<td>3</td>
</tr>
<tr>
<td>HST 208</td>
<td>The Emergence of Modern America</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 301</td>
<td>The Study of History</td>
<td>3</td>
</tr>
<tr>
<td>HST 490</td>
<td>Colloquium in History</td>
<td>3</td>
</tr>
<tr>
<td>HST 497</td>
<td>Capstone in History</td>
<td>3</td>
</tr>
</tbody>
</table>

and five courses (15 credits) chosen from the 300 and 400 level offerings including each of the following: American history, European history and non-Western history.

The major program will be designed under the guidance of a departmental advisor and should provide a broad background, ranging over the entire discipline.

Minor Concentration

Students wishing to complete a minor in history must complete either HST 207 or 208 and 12 credits from 300 and 400 level courses.

**MINOR IN THOMAS PAINE STUDIES**

The Department of English, History, Philosophy, and Political Science offer a 15-credit, interdisciplinary minor in Thomas Paine Studies. Information about the minor and requirements for completing the minor are located on page 108 of this bulletin.
BA/MA IN HISTORY

BA in History Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57-63</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Corequisites</td>
<td>6</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>0-3</td>
</tr>
<tr>
<td>Open Electives</td>
<td>27-30</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

The MA requires 33 credits.

Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 201</td>
<td>Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 203</td>
<td>Introduction to Global Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Corequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 207</td>
<td>The Growth of the American Republic</td>
<td>3</td>
</tr>
<tr>
<td>HST 208</td>
<td>The Emergence of Modern America</td>
<td>3</td>
</tr>
</tbody>
</table>

Undergraduate Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 301</td>
<td>The Study of History</td>
<td>3</td>
</tr>
<tr>
<td>HST 490</td>
<td>Colloquium in History</td>
<td>3</td>
</tr>
<tr>
<td>HST 497</td>
<td>Capstone in History</td>
<td>3</td>
</tr>
</tbody>
</table>

and five courses (15 credits) chosen from the 300 and 400 level offerings including one course from each of the following: American History, European History and Non-Western History, one of which may be a graduate course and count towards both degrees. Each student may take a sixth graduate course during each semester of the third and fourth year without charge. The sixth course must always be selected from the graduate offerings in history and approved by the student’s advisor. To enter the program, a student must have and maintain a 3.2 cumulative index.

Graduate Core Requirements (9 credits)
Three of the following five courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 700</td>
<td>The Heritage and Challenges of Historical Research</td>
<td>3</td>
</tr>
<tr>
<td>HST 703</td>
<td>Topics in Non-Western History</td>
<td>3</td>
</tr>
<tr>
<td>HST 705</td>
<td>A History of Economic Ideas</td>
<td>3</td>
</tr>
<tr>
<td>HST 710</td>
<td>Historical Geography</td>
<td>3</td>
</tr>
<tr>
<td>HST 797</td>
<td>Contemporary Problems in Global Civilization</td>
<td>3</td>
</tr>
</tbody>
</table>

Specialization Courses

Each student will select five courses from one of the two areas (major) and two courses from the other area (minor).

Area I - Asia and Africa (3 credits each)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 780</td>
<td>The Ancient Near East and the Mediterranean</td>
<td>3</td>
</tr>
<tr>
<td>HST 781</td>
<td>Islamic Civilization from Mohammed to the Ottomans</td>
<td>3</td>
</tr>
<tr>
<td>HST 782</td>
<td>The Middle East from the Ottomans to European Hegemony</td>
<td>3</td>
</tr>
<tr>
<td>HST 784</td>
<td>Indian Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HST 785</td>
<td>Chinese Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HST 786</td>
<td>Japanese Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HST 787</td>
<td>Asian Thought and Society</td>
<td>3</td>
</tr>
<tr>
<td>HST 788</td>
<td>Africa to the Era of the Slave Trade</td>
<td>3</td>
</tr>
<tr>
<td>HST 789</td>
<td>Africa in the Modern World</td>
<td>3</td>
</tr>
</tbody>
</table>

Area II - Europe and the Americas (3 credits each)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 765</td>
<td>Europe in the Middle Ages</td>
<td>3</td>
</tr>
<tr>
<td>HST 770</td>
<td>The Shaping of Modern Europe: 1789-1914</td>
<td>3</td>
</tr>
<tr>
<td>HST 771</td>
<td>The Shaping of Contemporary Europe: 1914 to Present</td>
<td>3</td>
</tr>
<tr>
<td>HST 775</td>
<td>The Origins and Practice of Totalitarianism</td>
<td>3</td>
</tr>
<tr>
<td>HST 776</td>
<td>The Industrialization of Europe</td>
<td>3</td>
</tr>
<tr>
<td>HST 780</td>
<td>The Ancient Near East and Mediterranean</td>
<td>3</td>
</tr>
<tr>
<td>HST 790</td>
<td>Russian Communism and Culture in the Soviet Age</td>
<td>3</td>
</tr>
<tr>
<td>HST 791</td>
<td>The Latin American World: Continuity and Change</td>
<td>3</td>
</tr>
<tr>
<td>HST 792</td>
<td>Colonial Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HST 793</td>
<td>Modern Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HST 794</td>
<td>History of the Caribbean Area</td>
<td>3</td>
</tr>
<tr>
<td>HST 796</td>
<td>Colloquium in History</td>
<td>3</td>
</tr>
<tr>
<td>HST 820</td>
<td>History of Race and Ethnic Relations</td>
<td>3</td>
</tr>
<tr>
<td>HST 860</td>
<td>Prelude to Nationhood: America to 1787</td>
<td>3</td>
</tr>
<tr>
<td>HST 861</td>
<td>Nationalism and Sectarianism: 1787-1877</td>
<td>3</td>
</tr>
<tr>
<td>HST 862</td>
<td>Industrialism and Reform: 1877-1914</td>
<td>3</td>
</tr>
<tr>
<td>HST 863</td>
<td>War and Peace: America Since 1914</td>
<td>3</td>
</tr>
<tr>
<td>HST 872</td>
<td>Makers of American History</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Area I and Area II: 21 credits

Note: In addition, there are a number of topical courses, which, depending on their focus, can be applied to either Area I or Area II. Students should consult with chairperson or graduate advisor to determine the area of specialization before registering. Courses in this category are: HST 701, HST 990-999.

Culminating Experience

Option A

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST 981</td>
<td>Thesis</td>
<td></td>
</tr>
<tr>
<td>HST 982</td>
<td>Thesis</td>
<td></td>
</tr>
</tbody>
</table>
Note: With approval of their advisor, students may opt to undertake either a three (3) credit (HST 981) or a six (6) credit (HST 981 and 982) thesis. If selecting the six-credit option, HST 982 will be counted as one of the five courses required in the major area of concentration.

**Option B**
Two additional courses approved by the chairperson of the department or graduate adviser. One of these two courses must involve a special research project that demonstrates the student’s ability to undertake original scholarly research.

**Comprehensive Examination**
Students must complete all foundation course requirements and a total of 15 credits in the major and minor area before taking the comprehensive exam. Completion of 24 credits is therefore the prerequisite for taking the exam. The exam will be scheduled in the spring semester of each year.

**Foreign Language Requirement**
Students may satisfy the requirement for proficiency in a foreign language in one of the following ways:
1. Successful completion of an examination administered by an appropriate faculty member from the Department of Foreign Languages or the Department of History. The exam will consist of translating a passage in the chosen language, with the candidate allowed to use a dictionary. The examination is limited to one hour in length.
2. Successful completion, during the period of graduate study, of at least three credit hours of approved undergraduate, upper-division language course work with a minimum of a “B.”
3. Successful completion of a foreign language reading comprehensive course at another institution. Prior approval by the chairperson or graduate adviser is needed.

**INTERDISCIPLINARY SCIENCE**
The College offers a major program in interdisciplinary science (HEGIS 4901). It is the nature of the program to provide an individualized education in science as an alternative to the traditional science majors which are available.

The program in interdisciplinary science is supported by faculty of the Departments of Biological Sciences, Chemistry, Computer Sciences, and Physics.

**Objectives**
The interdisciplinary science major is designed to provide flexibility in designing a sound science program to meet individual needs and interests, and to provide opportunities for students to take courses in a number of related disciplines. The program will be structured around a theme or goal identified by the student, and will provide appropriate education for interdisciplinary fields where scientific, analytical and technical expertise are assets. Students with interests in science teaching, health fields, materials science, technical sales or management, laboratory techniques, etc. may find this major matched to their needs. The coordinator provides assistance in designing a curriculum that matches the students’ educational goals. All course selections must have the prior approval of the program coordinator to insure that each individual has been properly advised and that the program chosen has integrity and coherence. Interdisciplinary science majors will often be referred to other academic advisers for guidance in the choice of non-science courses that pertain to their major.

**BS IN INTERDISCIPLINARY SCIENCE**

**Overview**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Science Degree Core</td>
<td>14</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>24</td>
</tr>
<tr>
<td>Open Electives</td>
<td>25</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

**College Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td></td>
<td>Calculus I, to satisfy part of Area III</td>
</tr>
</tbody>
</table>

**Degree Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 270</td>
<td></td>
<td>Statistics</td>
</tr>
<tr>
<td>CHM 109-110</td>
<td></td>
<td>General Chemistry I and II</td>
</tr>
<tr>
<td>PHY 101-102</td>
<td></td>
<td>General Physics</td>
</tr>
</tbody>
</table>

Six of these science credits are applied to Area III of the College core and the remaining 14 credits are counted as the degree core.

With the permission of the coordinator, BIO 101, 102-General Biology may be substituted for chemistry or physics if appropriate to the individual’s program. In some other cases, introductory courses in all three of the basic sciences may be required.

**Core Requirements**
Students who choose to major in interdisciplinary science must complete the following:

**A. Major Courses**
A total of 24 credits in science beyond the introductory courses are required. Of these, at least 12 credits must be at the 300-400 level, and a science seminar (BIO 450, CHM 450, CIS 489, CES 450 or PHY 450) must be included. The selection of specific major courses is made jointly by the student and the coordinator.
B. Comprehensive Requirement

Students majoring in interdisciplinary science are required to submit a major paper on an appropriate topic during their senior year. To be acceptable, the paper must demonstrate understanding of the interdisciplinary dimensions of the topic.

INTERNATIONAL STUDIES

The Department of Political Science offers an interdisciplinary major concentration in international studies (HEGIS 2210). The program in international studies is supported by the faculty of history, political science, economics, and foreign languages. Coordinator: T. Mulligan.

The international studies program gives students a background that will provide them with the necessary skills to join companies or agencies specializing in international relations or trade. The language, history, politics, and economics requirements will prepare the students to comprehend the changes in the modern-day world.

BA IN INTERNATIONAL STUDIES

Overview

<table>
<thead>
<tr>
<th>College Core Curriculum</th>
<th>57 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Courses (including 2 language courses)</td>
<td>24 credits</td>
</tr>
<tr>
<td>Major Course Electives</td>
<td>6 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>3 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

Co-requisite (Major and Core)

<table>
<thead>
<tr>
<th>ECO 201</th>
<th>Principles of Microeconomics (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 203</td>
<td>Introduction to Global Politics (3 credits)</td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>Modern Languages - Competency in foreign language (6 credits) (beyond 200 level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO/ GEO 415</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO/ HST 360</td>
</tr>
</tbody>
</table>

| ECO 416 | International Economics (3 credits) |

<table>
<thead>
<tr>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 300</td>
</tr>
</tbody>
</table>

| HST 341-396 | Any non-US History Course (3 credits) |

Elective

Possible Electives

| BEC 325 International Business * (3 credits) |
| ECO 370 Environmental Economics and Sustainable Development (3 credits) |
| MCO 399 International Communication (3 credits) |
| PHL 337 Philosophy and Culture (3 credits) |
| POL 370 Human Rights (3 credits) |
| POL 364 International Law and Organization (3 credits) |
| POL 365 Contemporary Issues in Global Politics (3 credits) |
| POL 368 Environmental Politics (3 credits) |
| SOC 314 Cultural Anthropology (3 credits) |
| SCS 346 Intercultural Communication (3 credits) |
| Internship Opportunities Department Dependent (3 credits) |

TOTAL ELECTIVE CREDITS: 3

REQUIREMENTS FOR MINOR IN INTERNATIONAL STUDIES

Required Courses (15 credits)

| POL 362 International Relations (3 credits) |
| ECO 300 Comparative Economic Growth (3 credits) |
| OR |
| ECO 416 International Economics (3 credits) |
| HST 416 Geography (3 credits) |
| POL 341/347 Non-US History (3 credits) |
| OR one elective course from the list below. (3 credits) |

Possible Electives

| BEC 325 International Business * |
| HST 341-96 Non-US History |
| MCO 399 International Communication |
| PHL 337 Philosophy and Culture |
| POL 331 American Foreign Policy |
Faculty
Chair: R. Petrausch; Graduate Coordinator: J. Eggensperger; Professor Emeritus: J. Darretta; Associate Professors: J. Breslin, J. Eggensperger, N. Johnson, R. Petrausch, O. Shachar, T. Kelso; Assistant Professors: M. Bard, N. Redcross; Clinical Lecturers: N. Barnett-Crosby, D. Cundy;

Objectives
The goals of the department are:
• to provide students with the theoretical knowledge of the discipline of mass communication within a liberal arts framework;
• to assist students in the development of practical skills in at least one area of mass communication through a number of hands-on courses and internships;
• to prepare students for professions in mass communication and related areas, for graduate study, and for advanced professional training programs; and
• to provide an undergraduate degree option to students who are looking for a relevant and challenging major that will prepare them to be successful citizens of the information society.

BA IN MASS COMMUNICATION
Overview

| College Core | 57 credits |
| Major Courses - 39 credits | |
| Common Courses | 12 credits |
| Specialization Courses | 18 credits |
| Outside Area Electives | 9 credits |
| Liberal Arts Electives | 0 - 9 credits |
| Open Electives | 18 - 24 credits |
| TOTAL | 120 credits |

*Note: The following courses in the major program are “professional courses” and not liberal arts courses: 327, 428, 447, and 448. The number of liberal arts electives varies according to the number of non-liberal arts credits taken.

Major Requirements

A. Foundation Courses (9 credits)
(All Specialization Areas)

| MCO | 200 | Introduction to Mass Communication (3 credits) |
| MCO | 230 | Digital Literacy and Practice (3 credits) |
| MCO | 300 | Media Law and Ethics (3 credits) |

*Students must demonstrate proficiency in a foreign language up through the intermediate level.

ITALIAN
See Foreign Languages.

JAPANESE
Courses in the Japanese language fulfill Area VI of the College core curriculum requirements (Foreign Language).

The program in Japanese is supported by the faculty of the Foreign Languages Department.

JOURNALISM
The Department of Mass Communication offers a concentration in the area of journalism, as well as electives in this field that are open to students majoring in this department.

The concentration in journalism is supported by faculty of the Department of Mass Communication.

LATIN
Courses in the classical Latin language fulfill Area VI of the College core curriculum requirements (Foreign Language).

The program in Latin is supported by the faculty of the Foreign Languages Department.

MASS COMMUNICATION
Iona College offers a major program leading to a BA degree in mass communication (HEGIS 0601). The major program has four areas of specialization: advertising, journalism, public relations, and television and video. The department also offers a BPS in public communication (HEGIS 0601) in the program for returning adults. In addition, the department offers a minor concentration and a number of electives.
### B. Specialization Courses (18 credits)

**ADVERTISING**

**GROUP 1. Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>210</td>
<td>Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>305</td>
<td>Advertising Strategy</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>335</td>
<td>The Creative Process in Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>403</td>
<td>Advertising Campaigns</td>
<td>3</td>
</tr>
</tbody>
</table>

**GROUP 2. Area Electives (choose two)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>313</td>
<td>Media Planning &amp; Buying</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>321</td>
<td>Trends in Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>322</td>
<td>Account Planning/Research</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>418</td>
<td>Interactive Advertising</td>
<td>3</td>
</tr>
</tbody>
</table>

**PUBLIC RELATIONS**

**Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>213*</td>
<td>Introduction to Public Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

*Pre-requisite for all other Required Specialization Courses*

**GROUP 1. Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>213*</td>
<td>Introduction to Broadcast Media</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>307</td>
<td>Digital Production: Studio &amp; Field</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>350</td>
<td>Writing for the Screen</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td><strong>Total:</strong> 12 credits</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 2. Area Electives (choose two)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>329</td>
<td>Radio Production</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>337</td>
<td>On Camera Presence</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>430</td>
<td>The Producer's Craft</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>431</td>
<td>Television Aesthetics &amp; Criticism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>435</td>
<td>Sports Broadcasting &amp; Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**OPERATIONS**

**Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>213*</td>
<td>Introduction to Broadcast Media</td>
<td>3</td>
</tr>
</tbody>
</table>

*Pre-requisite for all other Specialization Courses*

**GROUP 1. Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>213*</td>
<td>Introduction to Broadcast Media</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>327</td>
<td>Digital Production: Studio &amp; Field</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>350</td>
<td>Writing for the Screen</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>428</td>
<td>Digital Production Workshop</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td><strong>Total:</strong> 12 credits</td>
<td></td>
</tr>
</tbody>
</table>

**GROUP 2. Area Electives (choose two)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>329</td>
<td>Radio Production</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>337</td>
<td>On Camera Presence</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>430</td>
<td>The Producer’s Craft</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>431</td>
<td>Television Aesthetics &amp; Criticism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>435</td>
<td>Sports Broadcasting &amp; Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**JOURNALISM**

**Required Courses (four courses)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>275</td>
<td>Introduction to Journalism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>377</td>
<td>Writing for Multiplatform Journalism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>378</td>
<td>Reporting for Multiplatform Journalism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>478</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Area Electives (choose two)**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>330</td>
<td>Broadcast Journalism</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>387</td>
<td>Converged Magazine Production</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>391</td>
<td>Advanced Reporting and Writing for Sports</td>
<td>3</td>
</tr>
</tbody>
</table>

**outside Area Electives (9 credits)**

Students need to take three Area Electives in Other Department Concentrations.

**Common Electives**

<table>
<thead>
<tr>
<th>MCO</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO</td>
<td>312</td>
<td>Communication Graphics</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>314</td>
<td>Multimedia Presentations</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>315</td>
<td>History of Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>326</td>
<td>Race, Gender and the Media</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>399</td>
<td>International Communication</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>491</td>
<td>Independent Study in Mass Communication</td>
<td>1</td>
</tr>
<tr>
<td>MCO</td>
<td>492</td>
<td>Independent Study in Mass Communication</td>
<td>2</td>
</tr>
<tr>
<td>MCO</td>
<td>493</td>
<td>Independent Study in Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>498</td>
<td>Internship in Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MCO</td>
<td>499</td>
<td>Special Topics in Mass Communication</td>
<td>3</td>
</tr>
</tbody>
</table>
D. Capstone Requirement
Candidates for the BA in mass communication must satisfactorily complete MCO 496, the senior seminar.

Major Credit Limitation
Students in the undergraduate major in mass communication are required to take 39 semester credits of MCO courses. Students who wish to take more than 39 semester credits of MCO courses will need to take more than 120 semester credits to graduate.

Transfer Credit Limit
A maximum of 9 credits may be transferred in mass communication courses from junior colleges and a maximum of 12 credits in mass communication courses may be transferred from four-year colleges. Additional credits in mass communication will not be accepted as electives.

Internships
Seniors in good academic standing who have completed most or all of the courses in their area of specialization are eligible to apply to the department chair for permission to take MCO 498 - Internship in Mass Communication. (3 credits). MCO 498 Internship (3 credits) is optional, but highly encouraged and supported by the department. If students take the Internship Option, they should take six (6) credits of Area Electives instead of nine (9) credits.

Minor Concentration
Students wishing to complete a minor in MCO must complete MCO 200 and 12 additional MCO credits.

Writing Minor
(See page 111 of this catalog).

MATHEMATICS
The following degree requirements will apply to all students declaring a Mathematics major September 2013 or later. Students who declared the major prior to this date are expected to follow the major requirements as described in the catalog at the time of their entry into the College.

The Department of Mathematics offers a BA and BS in mathematics (HEGIS 1701). The department also offers a minor in mathematics.

Faculty
Chair: S. Krishnan; Professors: J. Carpenter, L. Evered, W. Gratzer; Associate Professors: S. Krishnan, G. Selitto; Assistant Professors: R. Lavelle; Visiting Assistant Professor: C. Miller.

Objectives
The programs in mathematics are designed to assist students in developing their command of mathematical tools and of mathematical modes of thinking, including intuition, analysis of argument, modeling, abstraction, generalization, proof, and making connections both within mathematics and between mathematics and other disciplines.

Overview
<table>
<thead>
<tr>
<th>BA programs in Mathematics</th>
<th>BS program in Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core*</td>
<td>61 credits</td>
</tr>
<tr>
<td></td>
<td>61 credits</td>
</tr>
<tr>
<td>Science Degree Core</td>
<td>6 - 20 credits</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>4 credits</td>
</tr>
<tr>
<td></td>
<td>8 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>28 credits</td>
</tr>
<tr>
<td></td>
<td>28 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>3 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>24 credits</td>
</tr>
<tr>
<td></td>
<td>3 - 18 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
<tr>
<td></td>
<td>120 - 121 credits</td>
</tr>
</tbody>
</table>

* College core is noted as 61 credits which is 4 more than required due to the Computer Science, Science, and Mathematics requirements for Mathematics majors.

Required Courses in the College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td>Calculus I</td>
</tr>
<tr>
<td>CS 201</td>
<td>Computer Science I</td>
</tr>
<tr>
<td>PHY 101-102</td>
<td>General Physics I and II</td>
</tr>
</tbody>
</table>

Major Requirements - Mathematics

Prerequisites - BA

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 232</td>
<td>Calculus II (4 credits)</td>
</tr>
</tbody>
</table>

Prerequisites - BS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 232</td>
<td>Calculus II (4 credits)</td>
</tr>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
</tr>
</tbody>
</table>

B. Major Courses
Students who choose to major in mathematics must complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 233</td>
<td>Calculus III (4 credits)</td>
</tr>
<tr>
<td>MTH 236</td>
<td>Introduction to Proof (3 credits)</td>
</tr>
<tr>
<td>MTH 250</td>
<td>Linear Algebra (3 credits)</td>
</tr>
<tr>
<td>MTH 421</td>
<td>Abstract Algebra I (3 credits)</td>
</tr>
<tr>
<td>MTH 432</td>
<td>Probability and Statistics I (3 credits)</td>
</tr>
<tr>
<td>MTH 406 or 410 or 411 or 415</td>
<td>Analysis Elective (3 credits)</td>
</tr>
</tbody>
</table>
MTH 302 or 310 or 433 or 441  Applied Elective (3 credits)

MTH 461  Capstone Seminar (3 credits)

Additional Science Requirement for BS Degree - One of the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101 &amp; 102 plus two major level BIO electives</td>
<td></td>
</tr>
<tr>
<td>CHM 109-110 plus two major level CHM electives</td>
<td></td>
</tr>
<tr>
<td>CS Two major level CS electives</td>
<td></td>
</tr>
<tr>
<td>ECO 201 &amp; 202 plus two major level ECO electives</td>
<td></td>
</tr>
<tr>
<td>PHY Two major level PHY electives</td>
<td></td>
</tr>
</tbody>
</table>

Students who do not achieve a 2.5 index in MTH 231, 232, 233, and 236 will not be permitted to major in mathematics.

Students with the requisite ability and interest are encouraged to double major in mathematics and a related discipline.

Major Requirements - Applied Mathematics (Not Accepting New Students)

A. Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 232 and 233</td>
<td>Calculus II and III (8 credits)</td>
</tr>
</tbody>
</table>

B. Major Courses

Students who choose to major in applied mathematics must complete the following (all 3 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 250</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MTH 302</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>MTH 310</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>MTH 432</td>
<td>Probability &amp; Statistics I</td>
</tr>
<tr>
<td>MTH 433</td>
<td>Probability &amp; Statistics II</td>
</tr>
<tr>
<td>MTH 441</td>
<td>Mathematical Modeling</td>
</tr>
</tbody>
</table>

and one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 411</td>
<td>Vector Analysis</td>
</tr>
<tr>
<td>MTH 415</td>
<td>Complex Variables</td>
</tr>
</tbody>
</table>

and one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 403</td>
<td>Geometry</td>
</tr>
<tr>
<td>MTH 406</td>
<td>Introduction to Topology</td>
</tr>
<tr>
<td>MTH 410</td>
<td>Advanced Calculus</td>
</tr>
<tr>
<td>MTH 421</td>
<td>Abstract Algebra I</td>
</tr>
</tbody>
</table>

And two non-mathematics courses chosen in consultation with an adviser.

Students who do not achieve a 2.5 index in MTH 231, 232, 233, 310 will not be permitted to major in applied mathematics.

Students with the requisite ability and interest are encouraged to double major in mathematics and a related discipline.

Other Options

Teacher Certification

Students wishing to major in mathematics and receive teacher certification for mathematics must complete all the requirements of either the BA or BS degree with the following exceptions, as well as the program in education outlined in this bulletin.

All teacher certification candidates must choose MTH 310-Discrete Mathematics as their Applied Elective, choose MTH 403 – Geometry as their Open MTH Elective, replace the Analysis Elective with MTH 240 – Theory of Numbers, and choose MTH 440 as an Open Elective.

Minor Concentration

Students wishing to complete a minor in mathematics must complete the calculus sequence MTH 231-232 and four courses numbered 233 or above. MTH 270, however, may not be credited toward a minor. Also, MTH 231 may be used to satisfy the College core requirement in mathematics.

BS IN MATHEMATICS/MS IN COMPUTER SCIENCE (5-YEAR PROGRAM)

This program will allow students to complete a Bachelor of Science degree in Mathematics and a Master of Science in Computer Science in a five year format. In general, the program will allow students to acquire expertise in two related knowledge bases so that they will possess the capability to pursue careers managing technological applications and innovations across the two disciplines. Graduates would be prepared to pursue advanced graduate degrees in Mathematics, Computer Science, or other STEM related areas.

Students may apply for the program upon admission to Iona College. Students who complete CS 201-202 and MTH 231-232 with a grade of B or better in each course will be admitted to the program. Since the material in these courses is fundamental to all the courses that are included in the program a strong performance in them is a good indicator that a student is prepared to be successful in the remainder of the program.

Required Courses in the College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 231</td>
<td>Calculus I (4 credits)</td>
</tr>
<tr>
<td>CS 201</td>
<td>Computer Science I (4 credits)</td>
</tr>
<tr>
<td>PHY 101 &amp; 102</td>
<td>General Physics I &amp; II (8 credits)</td>
</tr>
</tbody>
</table>
PEACE AND JUSTICE STUDIES

The School of Arts and Science offers a minor concentration in Peace and Justice Studies. The Peace and Justice Studies minor is interdisciplinary, drawing from different subject areas that lend unique and critical perspectives into some of our most challenging global issues. Students explore a variety of disciplines including religious studies, economics, political science, sociology and philosophy, and discover the possibility of becoming a peacemaker on a mission to move the world.

The Peace and Justice Studies program is centered on ethical decision making and problem solving from a broad range of perspectives. Students explore relevant and timely issues such as: the proliferation of weapons; the rise of terrorism; the deterioration of the environment; the growing disparity between the rich and poor; the emergence of the global South; the trafficking of human persons; global poverty; discrimination based on race, class, sexuality/gender, and religion; philosophies of nonviolence; strategies for community and cultural empowerment; and religious foundations for peace and social justice.
**Political Science Requirement (choose 1):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 316</td>
<td>Inequality in American Democracy</td>
<td>3</td>
</tr>
<tr>
<td>POL 323</td>
<td>Civil Liberties and the Bill of Rights</td>
<td>3</td>
</tr>
<tr>
<td>POL 333</td>
<td>The Politics of Non-Violence</td>
<td>3</td>
</tr>
<tr>
<td>POL 368</td>
<td>Environmental Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 370</td>
<td>Human Rights</td>
<td>3</td>
</tr>
<tr>
<td>POL 373</td>
<td>Global Cities and the Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sociology Requirement (choose 1):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 321</td>
<td>Urban Society</td>
<td>3</td>
</tr>
<tr>
<td>SOC 322</td>
<td>Race and Ethnic Relations</td>
<td>3</td>
</tr>
<tr>
<td>SOC 323</td>
<td>Social Class in America</td>
<td>3</td>
</tr>
<tr>
<td>SOC 324</td>
<td>Sex and Gender Roles in Modern Society</td>
<td>3</td>
</tr>
<tr>
<td>SOC 340</td>
<td>Adapting to a Different Culture</td>
<td>3</td>
</tr>
<tr>
<td>SOC 430</td>
<td>Societies and Cultures of the Third World</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Each PJS minor may take one of the following electives as a substitute for one of the subject area courses (PHL/POL/SOC), to be determined in consultation with the PJS Program Coordinator:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 360</td>
<td>Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>ECO 370</td>
<td>Environmental Economics and Sustainable Development</td>
<td>3</td>
</tr>
<tr>
<td>ENG 372</td>
<td>Multicultural Writers of America</td>
<td>3</td>
</tr>
<tr>
<td>ENG 384</td>
<td>Images of Women in Modern American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENV 300</td>
<td>Special Topics in Environmental Studies</td>
<td>3</td>
</tr>
<tr>
<td>HST 319</td>
<td>America’s Recent Past</td>
<td>3</td>
</tr>
<tr>
<td>HST 337</td>
<td>The Immigrant Experience</td>
<td>3</td>
</tr>
<tr>
<td>HST 345</td>
<td>The History of Violence</td>
<td>3</td>
</tr>
<tr>
<td>MCO 326</td>
<td>Race and Gender in Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>POL 347</td>
<td>Comparative Politics: Non-Western World</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>PSY 221</td>
<td>Psychology of Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>PSY 222</td>
<td>Psychology of the Criminal Offender</td>
<td>3</td>
</tr>
<tr>
<td>RST 326</td>
<td>Theology of Christian Service</td>
<td>3</td>
</tr>
<tr>
<td>RST 370</td>
<td>Contemporary Peacemakers</td>
<td>3</td>
</tr>
</tbody>
</table>
The structured major meets the expectations of philosophy graduate program admissions requirements, which is particularly important to those students who intend to pursue graduate degrees in philosophy. At the same time, the structured major does not at all have a negative impact on those students who intend to pursue careers or other professional programs outside philosophy.

### BA IN PHILOSOPHY

#### Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>57 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120 credits</td>
</tr>
</tbody>
</table>

#### College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 110</td>
<td>Introduction to Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 210</td>
<td>Moral Philosophy (3 credits)</td>
</tr>
</tbody>
</table>

#### Major Requirements

Students who choose to major in philosophy must complete the following:

##### Logic

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 332</td>
<td>Logic: Basis of Correct Reasoning (3 credits)</td>
</tr>
</tbody>
</table>

##### History of Philosophy

Two courses (6 credits) chosen from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 307</td>
<td>Major Representatives of Ancient Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 308</td>
<td>Major Representatives of Medieval Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 309</td>
<td>Major Representatives of Modern Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 312</td>
<td>Major Representatives of Contemporary Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 314</td>
<td>Major Representatives of American Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 355</td>
<td>Thomas Paine and the Revolutionary Tradition (3 credits)</td>
</tr>
</tbody>
</table>

##### Thematic Studies

One course (3 credits) chosen from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 319</td>
<td>Philosophy of Reality (3 credits)</td>
</tr>
<tr>
<td>PHL 320</td>
<td>Philosophy of Knowledge (3 credits)</td>
</tr>
<tr>
<td>PHL 321</td>
<td>Philosophy of Mind (3 credits)</td>
</tr>
<tr>
<td>PHL 335</td>
<td>Buddhism and Philosophy (3 credits)</td>
</tr>
<tr>
<td>PHL 337</td>
<td>Philosophy and Culture (3 credits)</td>
</tr>
<tr>
<td>PHL 346</td>
<td>Philosophy of Religion (3 credits)</td>
</tr>
<tr>
<td>PHL 353</td>
<td>Philosophy and Women (3 credits)</td>
</tr>
<tr>
<td>PHL 365</td>
<td>Philosophy and Science (3 credits)</td>
</tr>
</tbody>
</table>
Value Studies
One course (3 credits) chosen from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 305</td>
<td>Philosophy of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PHL 327</td>
<td>Moral Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHL 351</td>
<td>Revolution in Sexual Morality</td>
<td>3</td>
</tr>
<tr>
<td>PHL 356</td>
<td>Social and Political Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHL 360</td>
<td>Ethics and Business</td>
<td>3</td>
</tr>
<tr>
<td>PHL 361</td>
<td>Ethical Issues in Science &amp; Tech</td>
<td>3</td>
</tr>
<tr>
<td>PHL 366</td>
<td>Problems in Medical Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHL 375</td>
<td>Aesthetics</td>
<td>3</td>
</tr>
<tr>
<td>PHL 381</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Philosophy Electives
Two additional courses (6 credits) from any of the above or:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 400</td>
<td>Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>PHL 401-410</td>
<td>Special Topics in Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

Capstone Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 420</td>
<td>Capstone Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Non-Majors
All non-majors taking courses at the 300 and 400 level are normally required to have had one core course in philosophy (PHL 110-210).

Minor Concentration
Students wishing to minor in philosophy must complete 12 credits in philosophy beyond the 6 credits required in the college core.

THOMAS PAINE STUDIES
The Departments of English, History, Philosophy, and Political Science offer a 15 credit, interdisciplinary minor in Thomas Paine Studies. Information about the minor and requirements for completing the minor are located on page 108 of this bulletin.

PHYSICS
The Department of Physics offers a major program in physics (HEGIS 1902) leading to a BS degree. The department also offers a minor in physics.

Faculty
Chair: R. Novak; Professors: R. Novak, V. Stanionis; Professor Emeritus: J. Murphy; Interdisciplinary Science, Pre-engineering Advisor: R. Novak.

BS IN PHYSICS
Overview

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Science Degree Core</td>
<td>20</td>
</tr>
<tr>
<td>Major Prerequisites</td>
<td>3</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>26</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td></td>
</tr>
<tr>
<td>Open Electives</td>
<td>14</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 201</td>
<td>Computer Science I, to satisfy part of Area III</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I, to satisfy part of Area III</td>
<td></td>
</tr>
</tbody>
</table>

Degree Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 232</td>
<td>Computer Science II</td>
<td></td>
</tr>
<tr>
<td>CHM 109-110</td>
<td>General Chemistry I and II</td>
<td></td>
</tr>
<tr>
<td>PHY 101-102</td>
<td>General Physics</td>
<td></td>
</tr>
</tbody>
</table>

Six of these science credits are applied to Area III of the College core and the remaining 20 are counted as the degree core.

Note: PHY 430 is a professional course and not a liberal arts course.

Major Requirements

A. Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 202</td>
<td>Computer Science II (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 233</td>
<td>Calculus III (4 credits)</td>
<td></td>
</tr>
<tr>
<td>MTH 302</td>
<td>Differential Equations (3 credits)</td>
<td></td>
</tr>
</tbody>
</table>

B. Major Courses
Students who choose to major in physics must complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 300-301</td>
<td>Mathematical Mechanics (6 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 315-316</td>
<td>Electricity and Magnetism (8 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 323-324</td>
<td>Modern Physics (6 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 450</td>
<td>Seminar (1 credit)</td>
<td></td>
</tr>
</tbody>
</table>

and at least 3 credits at the 400 level, chosen from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 423</td>
<td>Thermodynamics and Statistical Physics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 424</td>
<td>Quantum Mechanics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 430</td>
<td>Internship in Physics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PHY 441,442</td>
<td>Research (2 credits each)</td>
<td></td>
</tr>
</tbody>
</table>
Other Options

**Teacher Certification - Grades 7-12**

Students wishing to major in physics and receive teacher certification for grades 7-12 must complete all the requirements for the BS in physics, which include the requisite 36 credits in science, as well as the 33 credits in education outlined in this bulletin. This program will require a minimum of 134 credits.

**Internships**

Students in their senior year may elect to take an internship course (PHY 430) with the approval of the department chair. The coordinator of internships will assist them in finding appropriate placements.

**Minor Concentration**

Students wishing to complete a minor in physics must complete PHY 101-102 - General Physics and an additional 12 credits in physics.

**POLITICAL SCIENCE**

The Department of Political Science introduces students to the intellectual content and research methods of political inquiry. Political internships and fieldwork placements provide opportunities for professional development and networking. Those who seek a bachelor of arts in political science have highly diverse goals and are thus allowed flexibility in designing a program. The Department offers a major program in political science (HEGIS 2207), including a public policy concentration, and a major program in international studies, each leading to a BA degree. The department also offers minors in public policy, public administration, international studies, and political science.

**Faculty**

Chair: T. Mulligan; Professor: J. Zaino; Associate Professors: R. Lacey, T. Mulligan; Advisor for International Studies: T. Mulligan; Assistant Professors: M. Hagerty, J. Leon.

**Objectives**

A major aim of the study of politics is to prepare students for constructive participation as citizens in local, state, national and international settings. In addition to developing skills of active citizenship, the study of government prepares students for diverse careers in civil service, public management, law, public advocacy, political research, and teaching at the childhood and adolescence levels. The study of political values, and the great political theorists on justice, mediating political disputes, diversity among nations, political cultures, and nationalities reinforces the departmental mission of developing skills of citizenship and public leadership in an era of globalization.

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**BA IN POLITICAL SCIENCE**

**Overview**

<table>
<thead>
<tr>
<th>BA in Political Science</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57 credits</td>
</tr>
<tr>
<td>Major Corequisites</td>
<td>6 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>3 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>120 credits</td>
</tr>
</tbody>
</table>

Students who choose to major in political science may choose the standard major or the public policy track. They must complete the following corequisites and major core plus additional requirements depending on the track selected:

**Co-requisites for Standard Major and Public Policy Track (6 credits)**

These courses may be taken as part of the college core Social Science requirement or concurrently with major courses.

<table>
<thead>
<tr>
<th>POL 201</th>
<th>Introduction to American Government (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 203</td>
<td>Introduction to Global Politics (3 credits)</td>
</tr>
</tbody>
</table>

**STANDARD MAJOR**

**Major Core for Standard Major (6 credits)**

<table>
<thead>
<tr>
<th>POL 302</th>
<th>Research Methods in Political Science (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 497</td>
<td>Capstone in Political Science (3 credits)</td>
</tr>
</tbody>
</table>

**Standard Major Requirements (18 credits)**

Students must take at least 6 courses from areas I-V (at least one course from each area I-IV)

**AREA I - Political Theory**

<table>
<thead>
<tr>
<th>POL 313</th>
<th>Revolution in Theory and Practice (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 314</td>
<td>American Political Thought (3 credits)</td>
</tr>
<tr>
<td>POL 315</td>
<td>Great Political Thinkers (3 credits)</td>
</tr>
<tr>
<td>POL 316</td>
<td>Inequality and American Democracy (3 credits)</td>
</tr>
<tr>
<td>POL 317</td>
<td>Politics of Evil (3 credits)</td>
</tr>
</tbody>
</table>

**AREA II - American Politics, Public Policy and Administration**

<table>
<thead>
<tr>
<th>POL 320</th>
<th>The US Congress (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 323</td>
<td>Civil Liberties and the Bill of Rights (3 credits)</td>
</tr>
<tr>
<td>POL 324</td>
<td>The US Presidency (3 credits)</td>
</tr>
<tr>
<td>POL 325</td>
<td>State and Local Government (3 credits)</td>
</tr>
<tr>
<td>POL 326</td>
<td>Politics and Criminal Justice (3 credits)</td>
</tr>
<tr>
<td>POL 327</td>
<td>Politics and Media (3 credits)</td>
</tr>
<tr>
<td>POL 328</td>
<td>The US Supreme Court (3 credits)</td>
</tr>
</tbody>
</table>
**PUBLIC POLICY TRACK**

**Major Core for Public Policy Track** (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 302</td>
<td>Research Methods in Political Science (3 credits)</td>
</tr>
<tr>
<td>POL 483 or 484</td>
<td>Internship in Political Science (3 credits)</td>
</tr>
</tbody>
</table>

**Public Policy Track Requirements** (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 383</td>
<td>The Public Policy Process (3 credits)</td>
</tr>
</tbody>
</table>

*Any one of the courses listed below (Areas I, III, and IV)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 314</td>
<td>American Political Thought (3 credits)</td>
</tr>
<tr>
<td>POL 315</td>
<td>Great Political Thinkers (3 credits)</td>
</tr>
<tr>
<td>POL 316</td>
<td>Inequality and American Democracy (3 credits)</td>
</tr>
<tr>
<td>POL 331</td>
<td>American Foreign Policy (3 credits)</td>
</tr>
<tr>
<td>POL 341</td>
<td>Comparative Politics – The Western World (3 credits)</td>
</tr>
<tr>
<td>POL 347</td>
<td>Comparative Politics – The Non-Western World (3 credits)</td>
</tr>
<tr>
<td>POL 362</td>
<td>International Relations (3 credits)</td>
</tr>
<tr>
<td>POL 364</td>
<td>International Law and Organizations (3 credits)</td>
</tr>
</tbody>
</table>

*Any two of the courses listed below (Areas II and VI)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 301</td>
<td>Scope of Political Science (3 credits)</td>
</tr>
<tr>
<td>POL 305</td>
<td>Social Statistics (3 credits)</td>
</tr>
<tr>
<td>POL 320</td>
<td>The US Congress (3 credits)</td>
</tr>
<tr>
<td>POL 323</td>
<td>Civil Liberties and the Bill of Rights (3 credits)</td>
</tr>
<tr>
<td>POL 324</td>
<td>The US Presidency (3 credits)</td>
</tr>
<tr>
<td>POL 325</td>
<td>State and Local Government (3 credits)</td>
</tr>
<tr>
<td>POL 326</td>
<td>Politics and Criminal Justice (3 credits)</td>
</tr>
<tr>
<td>POL 328</td>
<td>The US Supreme Court (3 credits)</td>
</tr>
<tr>
<td>POL 331</td>
<td>American Foreign Policy (3 credits)</td>
</tr>
<tr>
<td>POL 332</td>
<td>Public Opinion and American Democracy (3 credits)</td>
</tr>
<tr>
<td>POL 365</td>
<td>Major Issues in International Politics (3 credits)</td>
</tr>
<tr>
<td>POL 380</td>
<td>American Bureaucracy: The Administration of Public Policy (3 credits)</td>
</tr>
<tr>
<td>POL 381</td>
<td>Administrative Law (3 credits)</td>
</tr>
<tr>
<td>POL 382</td>
<td>Public Personnel Administration (3 credits)</td>
</tr>
</tbody>
</table>

*Any two additional 300 or 400 level Political Science courses*

**Strongly recommended as electives:**
- Eco 202. Basic Macroeconomic Analysis
- Eco 316. Intermediate Macroeconomic Analysis
- Eco 335. Current Economic Issues
- Eco 405. Public Finance
Minor in Political Science
Students wishing to complete a minor in political science must complete the following courses:

**Standard Minor (15 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 201</td>
<td>Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>POL 203  Introduction to Global Politics</td>
<td>3</td>
</tr>
<tr>
<td>and</td>
<td>Four courses at the 300 and 400 level in Political Science chosen under the guidance of a departmental faculty adviser</td>
<td></td>
</tr>
</tbody>
</table>

**Public Policy Minor (15 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 201</td>
<td>Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>Any two of the courses listed below:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL 302</td>
<td>Research Methods in Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POL 314</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POL 316</td>
<td>Inequality in American Democracy</td>
<td>3</td>
</tr>
<tr>
<td>POL 320</td>
<td>The US Congress</td>
<td>3</td>
</tr>
<tr>
<td>POL 330</td>
<td>American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL 380</td>
<td>American Bureaucracy: The Administration of Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL 381</td>
<td>Administrative Law</td>
<td>3</td>
</tr>
<tr>
<td>POL 382</td>
<td>Public Personnel Administration</td>
<td>3</td>
</tr>
<tr>
<td>POL 383</td>
<td>The Public Policy Process</td>
<td>3</td>
</tr>
<tr>
<td>POL 483</td>
<td>Internship in Political Science I</td>
<td>3</td>
</tr>
<tr>
<td>Any two additional courses listed above or those listed below:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL 305</td>
<td>Social Statistics</td>
<td>3</td>
</tr>
<tr>
<td>POL 323</td>
<td>Civil Liberties and the Bill of Rights</td>
<td>3</td>
</tr>
<tr>
<td>POL 324</td>
<td>The US Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POL 325</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 326</td>
<td>Politics and Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>POL 328</td>
<td>The US Supreme Court</td>
<td>3</td>
</tr>
<tr>
<td>POL 331</td>
<td>American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL 332</td>
<td>Public Opinion and American Democracy</td>
<td>3</td>
</tr>
<tr>
<td>POL 364</td>
<td>International Law and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>POL 365</td>
<td>Major Issues in International Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

**THOMAS PAINE STUDIES**

The Departments of English, History, Philosophy, and Political Science offer a 15 credit, interdisciplinary minor in Thomas Paine Studies. Information about the minor and requirements for completing the minor are located on page 108 of this bulletin.

**PRE-ENGINEERING**

The College offers a two-year transfer program for pre-engineering students. The pre-engineering program is essentially the same as the first two years of a physics or chemistry major. After two successful years of study, the Iona pre-engineer transfers to an accredited engineering school to complete the degree work.

The program in pre-engineering is supported by faculty of the Departments of Physics, Mathematics and Chemistry and coordinated by the Physics Department. The coordinator will assist the pre-engineering student in making a suitable transfer to an engineering school.

**PRE-LAW**

The Pre-Law minor is open to students in any major who may be interested in pursuing a career in law or law-related fields. It consists of 18 credits to be selected from a list of recommended courses under the advisement of the pre-law coordinator. This list includes a number of courses which students in any major may take as part of their electives. The pre-law coordinator will help students tailor a program suited to their individual interests. In addition to the regular classes, all students will be provided with the opportunity to complete credit internships in cooperating law offices, the legal departments of cooperating corporations and governmental bodies such as district attorneys’ offices. Preference will be given to Pre-Law minors if numbers are limited.

Law school preparation is supported by the faculty of several departments in the School of Arts and Science and the Hagan School of Business. The Pre-Law minor program is under the direction of the Pre-Law Advisory Committee. Coordinator: Dr. J. Leon.

**Objectives**

The Pre-Law minor program is designed to develop and enhance those skills required both at law school and in a legal career. It is based on recommendations set down for undergraduate colleges by the Association of American Law Schools. The AALS suggests that interested students develop basic skills and insights in:

- comprehension and expression in words;
- critical understanding of the human institutions and values with which law deals; and
- creative power of thinking.
Required Course (3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 201</td>
<td>Introduction to American Government</td>
</tr>
</tbody>
</table>

Recommended Courses
Choose six courses (3 credits each)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLW 200</td>
<td>Contemporary Issues/Practical Law in Everyday Life</td>
</tr>
<tr>
<td>BLW 300</td>
<td>Introduction to Law and the Legal System</td>
</tr>
<tr>
<td>BLW 302</td>
<td>Current Issues in Immigration Law</td>
</tr>
<tr>
<td>BLW 401</td>
<td>Property, Security Devices, Estates, Trusts, Bankruptcy (Accounting majors)</td>
</tr>
<tr>
<td>BLW 415</td>
<td>International Law and Business</td>
</tr>
<tr>
<td>CRJ 207</td>
<td>Principals of Penal Law</td>
</tr>
<tr>
<td>CRJ 305</td>
<td>Substantive Criminal Law</td>
</tr>
<tr>
<td>CRJ 317</td>
<td>Evidence and Procedure Law</td>
</tr>
<tr>
<td>CRJ 495</td>
<td>Special Topics in CRJ: Women’s Legal Status</td>
</tr>
<tr>
<td>ENG 357</td>
<td>Advanced Writing for Pre-Law Students</td>
</tr>
<tr>
<td>MCO 300</td>
<td>Media Law and Ethics</td>
</tr>
<tr>
<td>PHL 332</td>
<td>Logic: Basis of Correct Reasoning/ HON 110</td>
</tr>
<tr>
<td>PHL 356</td>
<td>Political and social Philosophy</td>
</tr>
<tr>
<td>PHL 381</td>
<td>Philosophy of Law</td>
</tr>
<tr>
<td>POL 323</td>
<td>Civil Liberties and the Bill of Rights</td>
</tr>
<tr>
<td>POL 328</td>
<td>The American Political System: The Judicial Branch and the Constitution</td>
</tr>
<tr>
<td>POL 381</td>
<td>Administrative Law</td>
</tr>
<tr>
<td>POL 385</td>
<td>Pre-Law Internship</td>
</tr>
<tr>
<td>POL 364</td>
<td>International Law</td>
</tr>
</tbody>
</table>

Note: This list is not extensive; students may take additional courses with the approval of the Pre-Law Coordinator. For more information, contact Dr. J. Leon, Pre-Law Coordinator, Department of Political Science.

PRE-MEDICINE AND PRE-DENTISTRY
(See Health Professions Preparation)

PSYCHOLOGY

The Department of Psychology offers a major concentration in psychology (HEGIS 2001) leading to a BA degree. A BPS degree in psychology is offered in the program for returning adults (HEGIS 2001). The department also offers a five year BA/MA degree program (HEGIS 2001). In addition, the department offers a certificate program in health counseling, a certificate program in drug and alcohol abuse studies, and a minor in psychology.

Faculty
Chair: P. Oswald; Professors: P. Greene, P. Oswald; Professor Emerita: P. Jirik-Babb; Associate Professors: T. Grimes, K. Kim, K. Zaromatidis; Assistant Professors: S. Asgari, C. Jacobson, J. Theodore.

Objectives
Psychology as a science aims to predict, control and explain human behavior. The programs in psychology involve the student as a researcher in this process.

Goals
The psychology department has several goals for its students. The competent bachelor’s level psychology candidate:

- is knowledgeable about research methods, including research design, data analysis and interpretation, and is able to use computers and information technology for many purposes.
- utilizes scientific thinking, critically analyzes information, and engages in creative problem solving to derive insight into and facilitate the growth of their own and others’ behavior, cognition and emotion.
- recognizes, understands and respects the complexity of diversity.
- is knowledgeable about the ways psychological principles can be applied in various real-world settings and careers.
- will acquire a knowledge base of psychology and will acquire an appropriate value system in psychology.
- is an effective communicator.

The BA program is designed for students who enjoy elective flexibility. The BA in psychology can be structured so that the courses required for entry into a typical MA in physical therapy or occupational therapy are completed in a four-year program. The BA/MA enables the motivated student to obtain the MA in five years. Both programs prepare students for graduate work and careers in diverse fields.

BA IN PSYCHOLOGY

Overview

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201-202</td>
<td>General Psychology (preferably in the freshman year) to satisfy Area II</td>
</tr>
</tbody>
</table>

Major Requirements
Students who choose to major in psychology must complete the following:
Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 323</td>
<td>Quantitative Research Methods for Behavioral Sciences I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 390</td>
<td>Experimental Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

and

18 credits chosen from among the following (which must include at least three (3) credits chosen from capstone courses, PSY 491, PSY 493, and PSY 496):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 324</td>
<td>Quantitative Research Methods for Behavioral Sciences II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 331</td>
<td>Personnel Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 336</td>
<td>Psychological Tests and Measurements (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 338</td>
<td>History and Systems: Psychology of Learning (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 339</td>
<td>History and Systems: Personality Theory (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 341</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 412</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 441</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 461</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II (3 credits) [Capstone Course]</td>
<td></td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research (3 credits) [Capstone Course]</td>
<td></td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar (3 credits) [Capstone Course]</td>
<td></td>
</tr>
</tbody>
</table>

Capstone Requirements
The capstone requirement in psychology must be fulfilled by completing one of the three courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology I</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Psychology</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

Note: With the approval of the department chairperson and the faculty adviser, major and comprehensive requirements may be modified to meet the needs of individual students.

Other Options

Internships
Students who so elect may avail themselves of the opportunity to participate in internships in conjunction with PSY 493, 496, and PSY 497, 498, 499.

Minor Concentration
Students complete six courses, 18 credits from: PSY 201, PSY 202, PSY 323, PSY 390 and two courses, six credits from: PSY 324, 331, 336, 338, 339, 341, 412, 441, 461.

FIVE-YEAR COMBINED BA/MA PSYCHOLOGY PROGRAM - General-Experimental Specialization

BA IN PSYCHOLOGY

Overview

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core*</td>
<td>57</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>120</td>
</tr>
</tbody>
</table>

The MA requires 36 credits for General-Experimental specialization

College Core: PSY 201/202 - General Psychology (preferably in the freshman year) to satisfy both core requirements and major prerequisites.

In addition to PSY 201/202, students who choose to major in psychology in the combined program must complete the following for the BA degree (preferably in the sophomore year):

PSY 323 Quantitative Research Methods for Behavioral Sciences (3 credits)
PSY 390 Experimental Psychology I (3 credits)

Major Electives
Eighteen credits are required for the BA major. All candidates, while undergraduates, may select as many as 18 credits of the graduate level (600 numbered) courses listed below. If selected, these courses count both for the BA degree and for the 36 credits in the MA degree.

18 credits chosen from among the following, which must include at least one course (three credits) chosen from capstone courses: PSY 491, PSY 493, PSY 496.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 324</td>
<td>Quantitative Research Methods for Behavioral Sciences II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 331</td>
<td>Personnel Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 336</td>
<td>Psychological Tests and Measurements (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 338</td>
<td>History and Systems: Psychology of Learning (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 339</td>
<td>History and Systems: Personality Theory (3 credits)</td>
<td></td>
</tr>
<tr>
<td>PSY 341</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 412</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 441</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 461</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
Capstone Requirements
The capstone requirement for the BA in psychology must be fulfilled by completing one of the three courses listed below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II (3 credits) [Capstone Course]</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research (3 credits) [Capstone Course]</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar (3 credits) [Capstone Course]</td>
</tr>
</tbody>
</table>

The BA degree in the combined psychology program requires 120 credits with maximum of 18 graduate level (600) credits.

The MA degree in the combined psychology program requires 36 credits of additional 600 level courses.

Required Psychology for MA – Experimental Specialization

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 602</td>
<td>Proseminar in Personality and Social Psychology (3 credits)</td>
</tr>
<tr>
<td>PSY 603</td>
<td>Experimental Research Methods in Cognition (3 credits)</td>
</tr>
<tr>
<td>PSY 605</td>
<td>Quantitative Research Methods in Psychology: Advanced Concepts (3 credits)</td>
</tr>
<tr>
<td>PSY 607</td>
<td>Professional Issues and Ethics in Psychology (3 credits)</td>
</tr>
<tr>
<td>PSY 610</td>
<td>Advanced Quantitative Research Methods in Psychology (3 credits)</td>
</tr>
<tr>
<td>PSY 612</td>
<td>Dynamics of Group Process (3 credits)</td>
</tr>
<tr>
<td>PSY 660</td>
<td>Practicum in Organizational Psychology (3 credits) [requires PSY 645, PSY 649, PSY 651]</td>
</tr>
</tbody>
</table>

Required Elective Courses (15 credits)
Select any five courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 608</td>
<td>Quasi Experimental Design and Non Experimental Research Designs (3 credits)</td>
</tr>
<tr>
<td>PSY 612</td>
<td>Advanced Experimental Research Methods: Sensation &amp; Perception (3 credits)</td>
</tr>
<tr>
<td>PSY 613</td>
<td>Psychopathology (3 credits)</td>
</tr>
<tr>
<td>PSY 616</td>
<td>The Psychology of Exceptional Individuals (3 credits)</td>
</tr>
<tr>
<td>PSY 617</td>
<td>Health Psychology (3 credits)</td>
</tr>
<tr>
<td>PSY 618</td>
<td>Understanding and Treatment of Addictive Behaviors (3 credits)</td>
</tr>
<tr>
<td>PSY 620</td>
<td>Dynamics of Group Processes (3 credits)</td>
</tr>
<tr>
<td>PSY 623</td>
<td>Stress: Affective, Cognitive, and Behavioral Components (3 credits)</td>
</tr>
<tr>
<td>PSY 629</td>
<td>Conflict Resolution: Theory and Practice (3 credits)</td>
</tr>
<tr>
<td>PSY 649</td>
<td>Personnel Psychology (3 credits)</td>
</tr>
</tbody>
</table>

FIVE-YEAR COMBINED BA/MA PSYCHOLOGY PROGRAM - Industrial-Organizational Specialization

BA IN PSYCHOLOGY

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core*</td>
<td>57 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td>Total</td>
<td>120 credits</td>
</tr>
</tbody>
</table>
The MA requires 42 credits for Industrial-Organizational Specialization
College Core: PSY 201/202 - General Psychology (preferably in the freshman year) to satisfy both core requirements and major prerequisites.

Students who choose to major in psychology in the combined program must complete the following for the BA degree (preferably in the sophomore year):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 323</td>
<td>Quantitative Research Methods for Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSY 390</td>
<td>Experimental Psychology I</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Electives
Eighteen credits are required for the BA major. All candidates, while undergraduates, may select as many as 21 credits of the graduate level (600 numbered) courses listed below. In order to complete the program within the 5-year span, PSY 649, PSY 651, and PSY 675 must be taken while an undergraduate. The 600-level courses count both for the BA degree and for the 42 credits in the MA degree.

18 credits chosen from among the following, which must include at least three credits chosen from the capstone courses (PSY 491, PSY 493, PSY 496) and PSY 649, PSY 651 and PSY 675.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 324</td>
<td>Quantitative Research Methods for Behavioral Sciences II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 331</td>
<td>Personnel Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 336</td>
<td>Psychological Test and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>PSY 338</td>
<td>History and Systems: Psychology of Learning</td>
<td>3</td>
</tr>
<tr>
<td>PSY 339</td>
<td>History and Systems: Personality Theory</td>
<td>3</td>
</tr>
<tr>
<td>PSY 341</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 412</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 441</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 461</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Capstone Requirements
The capstone requirement in psychology must be fulfilled by completing one of the three-credit courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

The BA degree in the combined psychology program requires 120 credits.

The MA degree in the combined psychology program requires 21 credits of additional 600 level courses.

Required Psychology Courses (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 323</td>
<td>Quantitative Research Methods for Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSY 390</td>
<td>Experimental Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Psychology Elective Courses (15 credits)
Select any five courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 324</td>
<td>Quantitative Research Methods for Behavioral Sciences II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 331</td>
<td>Personnel Psychology</td>
<td>3</td>
</tr>
<tr>
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<td>Psychological Test and Measurements</td>
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<td>History and Systems: Psychology of Learning</td>
<td>3</td>
</tr>
<tr>
<td>PSY 339</td>
<td>History and Systems: Personality Theory</td>
<td>3</td>
</tr>
<tr>
<td>PSY 341</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 412</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 441</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 461</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Psychology Capstone Course
(3 credits):
Select any one course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 491</td>
<td>Experimental Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 493</td>
<td>Individual Experimental Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 496</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>
Required Industrial-Organizational Psychology Graduate Courses (21 credits)

The following 21 credits of additional graduate course work are required to complete the MA degree:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 602</td>
<td>Proseminar in Personality and Social Psychology</td>
</tr>
<tr>
<td>PSY 607</td>
<td>Professional Issues and Ethics in Psychology</td>
</tr>
<tr>
<td>PSY 629</td>
<td>Conflict Resolution *</td>
</tr>
<tr>
<td>PSY 638</td>
<td>Personality Assessment</td>
</tr>
<tr>
<td>PSY 660</td>
<td>Internship in I-O Psychology</td>
</tr>
<tr>
<td>PSY 678</td>
<td>Consulting and Organizational Change *</td>
</tr>
<tr>
<td>PSY 681</td>
<td>Thesis</td>
</tr>
</tbody>
</table>

* Sample Electives

CERTIFICATE IN DRUG AND ALCOHOL ABUSE STUDIES

Certificate of Eligibility for Credentialed Alcoholism and Substance Abuse Counselor (CASAC) training. (The program may be taken for credit, or for non-credit at a special tuition rate.)

Requirements

All courses are four credits each:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAA 3001</td>
<td>Introduction to Drug and Alcohol Abuse Studies</td>
</tr>
<tr>
<td>DAA 3011</td>
<td>Assessment, Referral and Treatment Methods</td>
</tr>
<tr>
<td>DAA 3023</td>
<td>Drug and Alcohol Abuse Counseling with the Family</td>
</tr>
<tr>
<td>DAA 3031</td>
<td>Drug and Alcohol Abuse Counseling</td>
</tr>
<tr>
<td>DAA 3220</td>
<td>Psychology of Drug Habitation and Addiction</td>
</tr>
<tr>
<td>DAA 3400</td>
<td>Employee Assistance Programs</td>
</tr>
<tr>
<td>PSY 441</td>
<td>Developmental Psychology</td>
</tr>
<tr>
<td>PSY 3101</td>
<td>Health Counseling</td>
</tr>
<tr>
<td>DAA 3220</td>
<td>Psychology of Drug Habitation and Addiction</td>
</tr>
<tr>
<td></td>
<td>Total 31 Credits</td>
</tr>
</tbody>
</table>

All DAA courses are cross-listed with psychology (PSY).

PUBLIC RELATIONS

The Department of Mass Communication offers a public relations specialization, as well as elective courses in the field. The program in public relations is supported by faculty of the Department of Mass Communication.

RELIGIOUS STUDIES

The Department of Religious Studies offers a major program in religious studies (HEGIS 1510) leading to a BA degree. The major allows students flexibility in designing a program around such areas as biblical and historical studies, religious traditions in dialogue, and contemporary theological questions. In addition, the department offers core courses and electives. The department also offers a minor in religious studies.

Faculty

Chair: E. Procario-Foley; Professors: B. Brown, K. Deignan; K. Paffenroth; Professor Emeritus: N. Fujita; Associate Professors: T. Delgado, E. Procario-Foley; Visiting Assistant Professor: R. Umashankar.

Objectives

Religious Studies holds a significant place in the liberal arts curriculum, particularly in an institution founded in the Catholic tradition of higher education. The core courses, electives and major and minor programs seek to introduce students to the field of religion as an area open to disciplined scholarly inquiry; to assist students in developing an understanding of the nature and complexity of religious phenomena and experience; and to acquire an appreciation of the critical problems and issues involved in the study of religion.

BA IN RELIGIOUS STUDIES

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
</tr>
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<td>Liberal Arts Electives</td>
<td>9 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RST 101</td>
<td>Religion in the Contemporary World and one course chosen from 200 level courses:</td>
</tr>
<tr>
<td>RST 204</td>
<td>Catholicism in the Contemporary World: Christian Scriptures</td>
</tr>
<tr>
<td>RST 205</td>
<td>Buddhist Wisdom for Christian Living</td>
</tr>
<tr>
<td>RST 206</td>
<td>Catholicism in the Contemporary World: Spirituality</td>
</tr>
<tr>
<td>RST 207</td>
<td>Catholicism in the Contemporary World: Theological Renewals</td>
</tr>
<tr>
<td>RST 208</td>
<td>Catholicism in the Contemporary World: Ethics and Morality</td>
</tr>
<tr>
<td>RST 209</td>
<td>Catholicism in the Contemporary World: Peace and Social Justice</td>
</tr>
<tr>
<td>RST 210</td>
<td>Christianity in the Contemporary World: Religious Pluralism Series</td>
</tr>
<tr>
<td>RST 213</td>
<td>Christianity in the Contemporary World: Religion and the Natural World</td>
</tr>
</tbody>
</table>
Major Requirements
Students who choose to major in religious studies must complete eight courses (24 credits) in the following areas:

A. Required Courses (15 credits)
Required Courses: five courses (15 credits) chosen from the following categories:

**SYSTEMATIC THEOLOGY**
One course (3 credits) chosen from:
- RST 326 Theology of Christian Service
- RST 336 The Catholic Church Today: Issues and Challenges
- RST 401 Images of Jesus Throughout History
- RST 402 Christian Sacramental Theology
- RST 404 Catholic Creation Theology
- RST 409 Jesus and Judaism

**BIBLICAL STUDIES**
One course (3 credits) chosen from:
- RST 338 Gospels
- RST 375 Wisdom Literature

**CHRISTIAN ETHICS**
One course (3 credits) chosen from:
- RST 324 Christian Sexual Ethics
- RST 370 Contemporary Peacemakers
- RST 406 Biomedical Ethics in the Christian Tradition
- RST 412 Environmental Ethics and Religion

**HISTORY OF CHRISTIAN SPIRITUALITY**
One course (3 credits) chosen from:
- RST 301 Church History: Patterns and Paradigms of the Christian Tradition
- RST 312 History of Christian Spirituality
- RST 320 Spiritual Masters Series
- RST 332 Spiritual Legacy of Thomas Merton
- RST 339 Spirituality for an Ecological Age
- RST 340 Creation Masters Series
- RST 411 Prayer: Theology and Practice

**RELIGION AND CULTURE**
One course (3 credits) chosen from:
- RST 310 Religious Traditions of China
- RST 315 The Sacred Universe
- RST 341 Story of the Universe
- RST 410 Religion and the Constitution

**SPECIAL TOPICS**
One course (3 credits) chosen from:
- RST 400 Internship in Religious Studies
- RST 420 Special Topics in Religious Studies
- RST 448 Oxford University Theology

B. Elective Courses (6 credits):
Two courses chosen from any of the 300-400 level offerings:

C. Capstone Course (3 credits):
RST 450 Senior Seminar

Minor Concentration
Students wishing to complete a minor in religious studies must complete the six-credit college core (RST 101 and one 200 level course) and an additional 12 credits (4 courses from the 300-400 level courses).

**SCIENTIFIC AND TECHNOLOGICAL LITERACY**
The Scientific and Technological Literacy Program consists of interdisciplinary courses in the physical sciences, life sciences, and technology to be taken as part of the College core.

The program in scientific and technological literacy is supported by faculty of the Departments of Biological Sciences, Chemistry and Physics. The program coordinator is Joseph Stabile, PhD.

**Objectives**
The program in scientific and technological literacy was designed to:
- bring students to an understanding of the nature of scientific knowledge and the appropriate application of scientific concepts, principles, laws and theories;
- enable students to utilize the processes of science in solving problems, making decisions and furthering their understanding of nature and technology;
- provide students with an understanding and appreciation of the joint enterprises of science and technology and their interrelationships with each other and with other aspects of society; and
- cultivate within students an awareness and confidence to confront such scientific and technological issues as health, energy and the environment as active and informed participants in society.

The STL curriculum rests on the premise that, even though all cannot be expected to solve complex technical problems, everyone can and should be prepared to participate in the public debate, evaluate the available information, and advance the solution through intelligent questions and informed voting.

**Science Core Requirements**
All candidates for an undergraduate degree in the School of Arts and Science and the Hagan School of
Business are required to complete a sequence of 2 courses in science. Students may use a sequence of courses Science, Technology, and Literacy, or Biology 101-102, or Chemistry 109-110, or Physics 101-102.

The STL sequence may be completed as follows, after taking STL 100, the introductory course in matter, energy, life and systems, students choose one of the following: environment, health, energy, computer music, exercise science, or humans and the earth systems, and complete two 3 credit courses for a total of six credits. The courses are sequential and are to be taken in order.

SOCIAL WORK

Iona College offers a BS degree in social work (HEGIS 2104). The program has been granted accreditation by the Council on Social Work Education.

Faculty

Chair: P. Moore; Associate Professors: J. Matich-Maroney, P. Moore, M. Nadel; Director of Fieldwork/ Clinical Instructor: I. Haspel.

Objectives

The major in social work provides professional preparation for employment in social work at the baccalaureate level. The National Association of Social Workers recognizes graduates of the program as entry-level professionals. The major also provides superior academic preparation for graduate studies, leading to the possibility of advanced placement in graduate schools of social work.

BS IN SOCIAL WORK - DAY PROGRAM

Overview

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>44</td>
</tr>
<tr>
<td>Open Electives</td>
<td>19</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>

College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY</td>
<td>201 or 202</td>
<td>General Psychology I or II (Area II)</td>
</tr>
<tr>
<td>SOC</td>
<td>101 or 102</td>
<td>Introduction to Sociology (Area II) or Social Problems</td>
</tr>
<tr>
<td>CS</td>
<td>140</td>
<td>Computer Applications (Area III)</td>
</tr>
<tr>
<td>STL</td>
<td>100 and 125 or 155</td>
<td>Introduction plus a Human Biology-related course (Area III)</td>
</tr>
</tbody>
</table>

Spanish is strongly recommended (Area VI)

Major Requirements

Students who choose to major in social work must complete the required sequence of courses in social work. They must also meet with the department chair as early as possible to discuss their academic and career plans.

Major Requirements (4 credits each)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW</td>
<td>2220</td>
<td>Human Behavior and the Social Environment: Human Diversity</td>
</tr>
<tr>
<td>SOW</td>
<td>2230</td>
<td>Social Welfare and Society</td>
</tr>
<tr>
<td>SOW</td>
<td>3120</td>
<td>Human Behavior and the Social Environment: Life Course</td>
</tr>
<tr>
<td>SOW</td>
<td>3130</td>
<td>Social Welfare Policy</td>
</tr>
<tr>
<td>SOW</td>
<td>3200</td>
<td>Research for Social Work Practice</td>
</tr>
<tr>
<td>SOW</td>
<td>3220</td>
<td>Social Work Processes I</td>
</tr>
<tr>
<td>SOW</td>
<td>3230</td>
<td>Social Work Processes II</td>
</tr>
<tr>
<td>SOW</td>
<td>3240</td>
<td>Social Work Processes III</td>
</tr>
<tr>
<td>SOW</td>
<td>3610</td>
<td>Field Instruction in Social Work I</td>
</tr>
<tr>
<td>SOW</td>
<td>3620</td>
<td>Field Instruction in Social Work II</td>
</tr>
<tr>
<td>SOW</td>
<td>4910</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

Total 44 credits

Admission to the Program

The following criteria have been established for admission to the social work major:

1. Prospective majors complete an initial interview with the chair of the Social Work Department.
2. If the major appears to be a match for student’s interest, then he/she completes a formal application to the major.

The Application consists of:

- A brief personal statement (outline provided by the department)
- A personal reference (form provided by the department)
- Demographics form (provided by the department)

A minimum GPA of 2.3 is required.

Although students may complete some courses in the major prior to official acceptance, formal admission is determined by departmental faculty review. Notification of the outcome of this review is made via email. Provisional admission for one term may be offered to students not meeting all formal requirements.

Index Requirement

All of the required courses in social work must be completed with a grade of “C” or better. In order to continue in the major, students who fail to earn a grade of “C” or better must repeat the course in which they earned an unsatisfactory grade.
Note:
Many of the required core courses (and courses in related disciplines) function as prerequisites for courses in the major. Students should meet with a member of the department as soon as they have decided to consider majoring in social work in order to insure that prerequisites are completed in a timely fashion.

DIVERSITY AND SOCIAL WELFARE
The Social Work Department offers a 5-course (17-20 credits) minor in Diversity and Social Welfare to undergraduates throughout the college who are interested in understanding or possibly working in the field of social welfare. Students will be exposed to a wide variety of policies, programs, and services designed to improve quality of life for the underserved, people in need of health and human services, and/or communities at large. The minor will provide in-depth understanding of diversity factors such as age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation. Emphasis will be placed on the unique contribution of the social work profession among many professions working in a variety of ways and capacities to alleviate complex social problems.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SoW 2210</td>
<td>Introduction to Social Work</td>
<td>4</td>
</tr>
<tr>
<td>SoW 2220</td>
<td>Human Behavior in the Social Environment: Diversity</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives (Choose three courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SoW 2230</td>
<td>Social Welfare &amp; Society</td>
<td>4</td>
</tr>
<tr>
<td>SoW 3120</td>
<td>Human Behavior &amp; the Social Environment: The Life Course (4 credits) (Prerequisites: PSY 201/1101, SOC 101/1010 or permission of the department)</td>
<td>4</td>
</tr>
<tr>
<td>SoW 3130</td>
<td>Social Welfare Policy</td>
<td>4</td>
</tr>
<tr>
<td>SOW 3330</td>
<td>Violence, Trauma &amp; Resilience</td>
<td>4</td>
</tr>
<tr>
<td>SOW 4950</td>
<td>Special Topic: Sustainability and Community</td>
<td>4</td>
</tr>
<tr>
<td>SOW 4950</td>
<td>Special Topic: Emerging Issues in Aging</td>
<td>4</td>
</tr>
<tr>
<td>SOW 204</td>
<td>Camp Viva Service Intensive Experience</td>
<td>3</td>
</tr>
<tr>
<td>POL 316</td>
<td>Inequality and American Democracy (3 credits) (Prerequisites: POL 201 and 203)</td>
<td>3</td>
</tr>
<tr>
<td>POL 337</td>
<td>Gender and American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 370</td>
<td>Human Rights</td>
<td>3</td>
</tr>
</tbody>
</table>

SOCIETY

The Department of Sociology offers a major program in sociology (HEGIS 2208) leading to a BA degree. In addition, it offers basic core courses and advanced electives in sociology. The department also offers a minor in sociology.

Faculty
Chair: S. Toliver; Professors: W. Egelman, S. Toliver; Professor Emeritus: F. Salamone; Assistant Professor: M. Aldredge.

Objectives
The study of sociology enables one to understand human behavior better in that most human interaction is determined by culture and the social groups to which one belongs. The study of sociology gives students a rich perspective on American culture in general, which can be invaluable in a time of rapid social and technological change. The aim of the major in sociology is to provide students with a broad foundation for a variety of career options, including marketing research, sales, advertising, public relations, civil and government service, labor and industrial relations, criminal justice, and social service.

BA IN SOCIOLOGY

Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Requirements</td>
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</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9</td>
</tr>
<tr>
<td>Open Electives</td>
<td>30</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>
College Core

<table>
<thead>
<tr>
<th>SOC</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>102</td>
<td>Social Problems, to satisfy Area II</td>
</tr>
</tbody>
</table>

These courses should be taken before the beginning of the junior year.

Major Requirements

Students who choose to major in sociology must complete SOC 101, 102 and the following:

A. Major Courses

<table>
<thead>
<tr>
<th>SOC</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Major Social Thinkers (3 credits)</td>
</tr>
<tr>
<td>350</td>
<td>Statistics for Social Research (3 credits) (PSY 323 may be substituted for SOC 350 with permission of advisor)</td>
</tr>
<tr>
<td>417</td>
<td>Research Methods in Sociology (3 credits)</td>
</tr>
<tr>
<td>450</td>
<td>Senior Seminar (3 credits)</td>
</tr>
</tbody>
</table>

and four additional courses or 12 credits chosen from the 300 and 400 level courses. These elective courses should be chosen under the direction of a departmental adviser.

B. Comprehensive Requirement

The Department of Sociology does not have a specific comprehensive requirement.

Minor Concentration

Students wishing to complete a minor in sociology must complete 18 credits in sociology, including SOC 101 and 102.

SPANISH

See Foreign Languages.

Objectives

The major in speech communication is designed for students to develop the ability to effectively communicate in their personal relationships and professional occupations. The major prepares students for careers in communication, consulting, advocacy and others.

The major in speech and language pathology and audiology is designed to provide students with a pre-professional education and experience in theoretical and clinical aspects of speech pathology and audiology. The program is structured to comply with current guidelines specified by the American Speech Language and Hearing Association (ASHA).

INDEX REQUIREMENT

SCS 364 must be completed with a grade of C+ or better. To continue the major, students who fail to earn a C+ or better in SCS 364 must repeat the course before taking additional major courses.

BA PROGRAMS IN SPEECH COMMUNICATION STUDIES

Overview

<table>
<thead>
<tr>
<th>SPEECH COMMUNICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
</tr>
<tr>
<td>Major Requirements</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
</tr>
<tr>
<td>Open Electives</td>
</tr>
<tr>
<td>TOTAL</td>
</tr>
</tbody>
</table>

SPEECH COMMUNICATION

Major Requirements

Students who choose to major in Speech Communication must complete the six required courses and four elective courses from those offered by the department.

Required Courses (18 credits)

<table>
<thead>
<tr>
<th>SCS</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>205</td>
<td>Interpersonal Communication (3 credits)</td>
</tr>
<tr>
<td>304</td>
<td>Business and Professional Speaking (3 credits)</td>
</tr>
<tr>
<td>346</td>
<td>Intercultural Communication (3 credits)</td>
</tr>
<tr>
<td>360</td>
<td>Speech Communication Theories (3 credits)</td>
</tr>
<tr>
<td>370</td>
<td>Small Group Communication (3 credits)</td>
</tr>
<tr>
<td>401</td>
<td>Internship in Speech Communication (3 credits)</td>
</tr>
</tbody>
</table>

Faculty

Chair: D. Ferrero-Paluzzi; Professor Emeritus: J. Isserlis; Associate Professor Emeritus: B. Gromelski; Associate Professors: D. Ferrero-Paluzzi; Assistant Professors: J. Gerometta, D. Leone, M. Monereau-Merry; Visiting Instructor: D. Volberg-Pagnotta.
Elective Courses  (12 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCS 302</td>
<td>Vocal Skills for Communication</td>
<td>3</td>
</tr>
<tr>
<td>SCS 225</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SCS 332</td>
<td>Problems in Media Communication</td>
<td>3</td>
</tr>
<tr>
<td>SCS 320</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>SCS 323</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>SCS 334</td>
<td>Gender Differences in Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>SCS 330</td>
<td>Communication, Technology, and Society</td>
<td>3</td>
</tr>
<tr>
<td>SCS 375</td>
<td>Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>SCS 380</td>
<td>Communication Problems in the Aging</td>
<td>3</td>
</tr>
<tr>
<td>SCS 415</td>
<td>Special Topics in Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Requirements: 30

SPEECH/LANGUAGE PATHOLOGY AND AUDIOLOGY

Propective Majors:
There is 3.0 minimum grade point average for the Speech Language Pathology and Audiology undergraduate major with a one-page application for all prospective majors. Please contact the Speech Department at 914-633-2168 for an application.

Students who have less than a 3.0 overall GPA by the beginning of sophomore year will be required to appeal in writing to the SCS departmental undergraduate committee for further review. Students must also maintain a minimum of a 3.0 for continued enrollment in the major.

Effective Fall 2012
All incoming Freshman and Transfer students who are authorized to declare a major in Speech Language Pathology and Audiology will be accountable for the degree requirements as detailed below.

SPEECH/LANGUAGE PATHOLOGY AND AUDIOLOGY

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>33</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>3</td>
</tr>
<tr>
<td>Open Electives</td>
<td>27</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120</td>
</tr>
</tbody>
</table>

Major Required Courses (21 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCS 361</td>
<td>Normal Acquisition of Speech and Language</td>
<td></td>
</tr>
<tr>
<td>SCS 362</td>
<td>Introduction to Communication Disorders</td>
<td></td>
</tr>
<tr>
<td>SCS 363</td>
<td>Phonetics</td>
<td></td>
</tr>
<tr>
<td>SCS 364</td>
<td>The Anatomy and Physiology and the Speech Mechanism</td>
<td></td>
</tr>
<tr>
<td>SCS 365</td>
<td>Introduction to Hearing Science</td>
<td></td>
</tr>
<tr>
<td>SCS 366</td>
<td>Audiology (3 credits only)</td>
<td></td>
</tr>
<tr>
<td>SCS 373</td>
<td>Speech Science</td>
<td></td>
</tr>
<tr>
<td>SCS 205</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>SCS 230</td>
<td>Communication for the Healthcare Professional</td>
<td></td>
</tr>
<tr>
<td>SCS 231</td>
<td>Storytelling and Narrative in Healthcare</td>
<td></td>
</tr>
<tr>
<td>SCS 304</td>
<td>Business and Professional Speaking</td>
<td></td>
</tr>
<tr>
<td>SCS 323</td>
<td>Persuasion</td>
<td></td>
</tr>
<tr>
<td>SCS 346</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>SCS 370</td>
<td>Small Group Communication</td>
<td></td>
</tr>
<tr>
<td>SCS 375</td>
<td>Interviewing</td>
<td></td>
</tr>
<tr>
<td>SCS 301</td>
<td>Clinical Linguistics</td>
<td></td>
</tr>
<tr>
<td>SCS 319</td>
<td>Bilingualism and Speech-Language Disorders</td>
<td></td>
</tr>
<tr>
<td>SCS 367</td>
<td>Aural Rehabilitation</td>
<td></td>
</tr>
<tr>
<td>SCS 380</td>
<td>Communication Problems in Aging</td>
<td></td>
</tr>
<tr>
<td>SCS 401</td>
<td>Internship in Speech</td>
<td></td>
</tr>
<tr>
<td>SCS 418</td>
<td>Principles of Clinical Management in Speech Language Pathology I*</td>
<td></td>
</tr>
<tr>
<td>SCS 419</td>
<td>Principles of Clinical Management in Speech Language Pathology II*</td>
<td></td>
</tr>
<tr>
<td>SCS 420</td>
<td>Principles of Clinical Management in Speech Language Pathology III*</td>
<td></td>
</tr>
<tr>
<td>SCS 430</td>
<td>Swallowing Disorders in Adults and Children</td>
<td></td>
</tr>
<tr>
<td>SCS 431</td>
<td>Evaluation Procedures for Diagnostic Purposes in Speech-Language Pathology</td>
<td></td>
</tr>
<tr>
<td>SCS 432</td>
<td>Medical Speech Pathology</td>
<td></td>
</tr>
</tbody>
</table>

* Clinic application required.

B. Capstone Requirement
The department has designated the following courses as capstone requirements:

SPEECH COMMUNICATION PROGRAM

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCS 346</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>SCS 360</td>
<td>Speech Communication Theories</td>
</tr>
<tr>
<td>SCS 401</td>
<td>Internship in Speech</td>
</tr>
</tbody>
</table>
**SPEECH/LANGUAGE PATHOLOGY AND AUDIOLOGY**

| SCS  | 373 | Speech Science |

**Minor Concentration**

Students wishing to minor in speech communication studies must complete 12 credits, excluding any 100 level courses.

**SPORTS STUDIES**

The Sports Studies Minor is a fifteen (15) credit program comprised of six (6) credits of fundamental topic courses and nine (9) credits of elective options for focused areas of interest, offered by the School of Arts and Science.

Students choose fifteen (15) credits from the following offerings. Biology courses selected for the minor cannot be used in fulfillment of science core requirements.

**Topic Courses - 6 credits:**

<table>
<thead>
<tr>
<th>BIO</th>
<th>108</th>
<th>Body Structure and Function (3 credits)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>and one course chosen from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHL</td>
<td>305</td>
<td>Philosophy of Sport (3 credits)</td>
</tr>
<tr>
<td>SOC</td>
<td>371</td>
<td>Sociology of Sport (3 credits)</td>
</tr>
<tr>
<td>PSY</td>
<td>228</td>
<td>Sports Psychology (3 credits)</td>
</tr>
</tbody>
</table>

**Elective Courses – 9 credits:**

<table>
<thead>
<tr>
<th>BIO</th>
<th>128</th>
<th>Principles of Nutrition (3 credits)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO</td>
<td>148</td>
<td>Exercise and Fitness (4 credits)*</td>
</tr>
<tr>
<td>or STL</td>
<td>155</td>
<td>Exercise Science (3 credits)*</td>
</tr>
<tr>
<td>MCO</td>
<td>388</td>
<td>Sports Journalism (3 credits)</td>
</tr>
<tr>
<td>MKT</td>
<td>319</td>
<td>Sports Marketing (3 credits)</td>
</tr>
<tr>
<td>MNG</td>
<td>380</td>
<td>Managing Sport Organizations (3 credits)</td>
</tr>
<tr>
<td>CDS</td>
<td>1125</td>
<td>Exercise Physiology (1 credit)</td>
</tr>
<tr>
<td>CDS</td>
<td>1132</td>
<td>Sports Sociology through Film (1 credit)</td>
</tr>
<tr>
<td>CDS</td>
<td>1175</td>
<td>Women in Sport (1 credit)</td>
</tr>
</tbody>
</table>

Total: 15 Credits

* Students completing selected courses within this minor may qualify to sit for the Personal Trainer Certification Exam with the American Council on Exercise (ACE) or the National Strength and Conditioning Association (NSCA).

**THOMAS PAINE STUDIES**

The Departments of English, History, Philosophy, and Political Science offer a 15-credit, interdisciplinary minor in Thomas Paine Studies. Students who minor in Thomas Paine Studies will:

- Understand the political ideas originated and developed by Paine.
- Connect Paine’s political ideas to the philosophical, historical, and literary context of the early American republic and the transatlantic circulation of ideas in the eighteenth century.
- Situate Paine within American political history and the American political tradition.
- Apply Thomas Paine’s ideas to the political problems and issues of contemporary American and global society.
- Develop their writing skills across disciplines
- Improve their critical and problem solving skills by applying them to Paine’s writings.

**Required Courses (12 Credits)**

Students who wish to complete the minor in Thomas Paine Studies must complete EACH of the following courses:

<table>
<thead>
<tr>
<th>ENG</th>
<th>423</th>
<th>Eighteenth-Century Literature (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>410</td>
<td>Seminar in History (3 credits)</td>
</tr>
<tr>
<td>PHL</td>
<td>355</td>
<td>Thomas Paine and the Revolutionary Tradition (3 credits)</td>
</tr>
<tr>
<td>POL</td>
<td>319</td>
<td>Thomas Paine and the Struggle for Democracy (3 credits)</td>
</tr>
</tbody>
</table>

**Elective Courses (3 Credits)**

Students who wish to complete the minor in Thomas Paine Studies must complete ONE of the following courses:

<table>
<thead>
<tr>
<th>ENG</th>
<th>369</th>
<th>Special Studies in Themes in American Literature (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG</td>
<td>470</td>
<td>Literature Seminar (3 credits)</td>
</tr>
<tr>
<td>ENG</td>
<td>480</td>
<td>Internship in English (3 credits)</td>
</tr>
<tr>
<td>HST</td>
<td>207</td>
<td>Growth of the American Republic (3 credits)</td>
</tr>
<tr>
<td>HST</td>
<td>495</td>
<td>Internship in History (3 credits)</td>
</tr>
<tr>
<td>POL</td>
<td>315</td>
<td>Great Political Thinkers (3 credits)</td>
</tr>
<tr>
<td>POL</td>
<td>483</td>
<td>Internship in Political Science (3 credits)</td>
</tr>
</tbody>
</table>
WOMEN’S STUDIES

The School of Arts and Science offers a number of electives and a minor concentration in Women’s Studies through most of its departments.

Objectives
The program in women’s studies is designed to enable students—both female and male—to examine the contributions of women to society, to explore issues raised by contemporary feminists, and to study the effects of gender roles on political, economic and social institutions. These perspectives are not only personally enlightening, but they are also useful in the pursuit of careers in law, government, psychology, social services, communications, education, business, and medicine, and in preparation for citizenship in a diverse society.

Requirements
Students wishing to complete a minor in women’s studies must take WST 201 - Women in the United States: In the Family, the Workplace, and Political Life, and four additional courses chosen from the following or approved by the coordinator.

Electives
Take four of the following electives for a total of twelve credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 220</td>
<td>Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>PSY 221</td>
<td>Psychology of Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>SOC 324</td>
<td>Sex and Gender Roles in Modern Societies</td>
<td>3</td>
</tr>
<tr>
<td>RST 330</td>
<td>Women and Religion</td>
<td>3</td>
</tr>
<tr>
<td>SCS 334</td>
<td>Gender Differences in Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>PHL 353</td>
<td>Philosophy and Women</td>
<td>3</td>
</tr>
<tr>
<td>ENG 384</td>
<td>Images of Women in Modern American Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits for minor: 15 credits

WRITING MINOR

Requirements
Students may complete a minor in Writing while completing their undergraduate degrees. To complete the Writing Minor, students must complete four of the following courses (3 credits each):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCO 275</td>
<td>Journalism</td>
<td></td>
</tr>
<tr>
<td>MCO 301</td>
<td>Advertising Writing</td>
<td></td>
</tr>
<tr>
<td>MCO 476</td>
<td>Feature Writing</td>
<td></td>
</tr>
<tr>
<td>FLM 450</td>
<td>Script Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 451</td>
<td>Creative Writing: Poetry</td>
<td></td>
</tr>
<tr>
<td>ENG 452</td>
<td>Creative Writing: Fiction</td>
<td></td>
</tr>
</tbody>
</table>
Hagan School Of Business

MISSION

In support of the Iona College mission, the Hagan School of Business is committed to continuous improvement in serving the needs of its stakeholders through teaching excellence, scholarship and service.

For students,

the goal is to provide a high quality undergraduate and graduate business education for traditional and nontraditional students that is pursued in a challenging academic environment and is grounded in business practice and theory. The School produces graduates and future leaders who understand business and its social responsibilities, work productively in a high-technology and culturally diverse society, demonstrate awareness of the global character of business, and subscribe to high ethical standards.

For the faculty,

the School fosters a collegial environment that promotes and nurtures teaching excellence. Our faculty are dedicated teachers with depth and breadth of education and background, open to change and innovation, committed to continuing professional education, and responsive to student needs. Teaching and intellectual contributions are viewed as complementary activities. Faculty pursue instructional and applied contributions, as well as basic scholarship.

For alumni,

the Hagan School strives to build an ongoing partnership with its graduates through periodic publications, opportunities for alumni feedback to the School, offering lifelong learning opportunities, and special alumni events.

For the community,

in particular the corporations in the New York metropolitan area, not-for-profit organizations, and local government, the goal is to use the resources of the School to fulfill our commitment to community service—through student internships in local organizations, service learning, locally and regionally oriented faculty research, and lectures and special activities which are open to the public.

Offerings

The Hagan School of Business offers degree programs leading to the Bachelor of Business Administration (BBA) degree in seven majors: accounting, business administration, finance, information systems, international business, management and marketing. It also offers a Bachelor of Science (BS) in general business. Each of these programs has a complementary minor program with the exception of business administration.

The BBA programs are offered as day programs. The BS in general business is offered in the evening program only. No business curriculum can be completed in the weekend program.

A business minor is available to students in the School of Arts and Science.

Degree Requirements

All BBA candidates must complete the graduation requirements for undergraduate degrees. The course requirements for the degree include the College core requirements, the business degree core requirements, major requirements as listed for each major and a number of electives. The business core and specific details of the College core as they apply to business students are noted below.

College Core

The College core of 51 credits is required of all students as explained in this bulletin. Students graduating with this core, except where noted, will complete a total of 126 credits for their degree.

All candidates for the BBA should satisfy Area II and part of Area III of the College core with courses that constitute part of the common body of knowledge in business and are complementary to the business core. They are:

Area II - Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Basic Microeconomic Analysis</td>
<td>3 credits</td>
</tr>
<tr>
<td>ECO 202</td>
<td>Basic Macroeconomic Analysis</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Area III - Mathematics, Science and Technology

Mathematics - one of the following (3 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 134</td>
<td>Brief Calculus</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>MTH 231</td>
<td>Calculus I</td>
</tr>
</tbody>
</table>
ACCOUNTING

The Department of Accounting offers a major program in accounting (HEGIS 0502) leading to a BBA degree. The department also offers a minor concentration in accounting.

Faculty
Chair: H. Ryan; Professors: W. Bottiglieri, J. Haber, H. Ryan; Associate Professors: L. Mitchell; Assistant Professors: A. Griffith, K. Kinkela; Senior Clinical Professors: S. Franciosa, K. Wallace.

Objectives
The program in accounting is designed to prepare students for careers in management, public and government/nonprofit accounting. BBA graduates in accounting may apply for admission to Iona’s MBA Program in Public Accounting. Effective August 2009, candidates for the CPA Exam in New York must complete a licensure-qualifying curriculum of 150 credits. The combined BBA and MBA programs meet New York State regulations for CPA Exam eligibility.

BBA IN ACCOUNTING

Overview

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>51</td>
</tr>
<tr>
<td>Business Core</td>
<td>36</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>9</td>
</tr>
<tr>
<td>Business Electives</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL</td>
<td>126</td>
</tr>
</tbody>
</table>

Major Requirements

Students majoring in accounting must complete the following:

A. Major Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 305</td>
<td>Intermediate Accounting 1 (3 credits)</td>
</tr>
<tr>
<td>ACC 310</td>
<td>Intermediate Accounting 2 (3 credits)</td>
</tr>
<tr>
<td>ACC 315</td>
<td>Cost Measurement and Analysis (3 credits)</td>
</tr>
<tr>
<td>ACC 316</td>
<td>Advanced Financial Accounting (3 credits)</td>
</tr>
<tr>
<td>ACC 405</td>
<td>Federal Income Taxation 1 (3 credits)</td>
</tr>
<tr>
<td>ACC 410</td>
<td>Federal Income Taxation 2 (3 credits)</td>
</tr>
<tr>
<td>ACC 411</td>
<td>Government and Nonprofit Accounting (3 credits)</td>
</tr>
<tr>
<td>ACC 420</td>
<td>Auditing Principles and Procedures (3 credits)</td>
</tr>
</tbody>
</table>

Computer Science (3 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 140</td>
<td>Computer Applications</td>
</tr>
</tbody>
</table>
Business Degree Core
All students graduating from the Hagan School of Business must complete the following business degree core requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS 130</td>
<td>The Legal Environment of Business</td>
</tr>
<tr>
<td>BUS 150</td>
<td>Information Systems</td>
</tr>
<tr>
<td>BUS 201</td>
<td>Principles of Financial Accounting</td>
</tr>
<tr>
<td>BUS 202</td>
<td>Principles of Managerial Accounting</td>
</tr>
<tr>
<td>BUS 210</td>
<td>Statistics</td>
</tr>
<tr>
<td>BUS 220</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>BUS 230</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>BUS 240</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUS 320</td>
<td>Production and Operations Management</td>
</tr>
<tr>
<td>BUS 410</td>
<td>The Role of Business in Contemporary American Society</td>
</tr>
<tr>
<td>BUS 470</td>
<td>Business Policy</td>
</tr>
</tbody>
</table>

Major Requirements
The requirements for each major are listed below.

Electives
Candidates for the BBA are required to take half of their program in liberal arts courses. Courses that do not fulfill the liberal arts requirement include those in accounting, business, business law, business economics, finance, insurance, management, marketing, production and real estate. “Professional” and “studio” courses are also excluded. The overview of each major below specifies the number of liberal arts electives within the major. The balance of electives are to be taken in any of the fields of business.

Double Majors and Minors
Some students elect to major in a second discipline; others seek to minor in a second discipline. The BBA program is highly structured and business students have a limited number of electives to pursue such options. In making their decision, students must be aware of College policy as indicated elsewhere in this bulletin and the fact that a number of credits beyond those necessary for graduation may be required.

MBA Waivers
Undergraduate students who plan to continue their studies in the MBA program at Iona will be considered for waivers for graduate requirements if they receive a grade of “B” or better in courses which are considered equivalent to MBA courses. For further information, students should consult the Office of the Dean, Hagan School of Business.

B. Laboratory Requirements
Students registered for ACC 305, 310 and 315 must attend scheduled laboratory hours.

C. Index Requirements
To continue in the accounting major students must achieve an average grade of 2.0 (C) in all junior/300-level accounting courses.

D. CPA Exam Requirements
To qualify for CPA Exam admission students must complete IDS 300, Business Communications, as a liberal arts elective and BEC 325, Dimensions of International Business, as a business elective as part of the New York State 150-credit licensure-qualifying program.

E. Comprehensive Requirement
There is no comprehensive requirement for the accounting major.

Internships
The department in cooperation with the Career Development Center sponsors the Winter Internship Program for senior-year accounting majors. Qualified students may obtain compensated positions with public accounting firms and corporations; the internship period lasts from January to mid-April each year.

Minor Concentration
The minor in accounting for BBA students includes 12 credits in accounting; required courses are ACC 305, 315, 405 and either ACC 310 or 410. Students in BA or BS programs must also complete the abbreviated business core described in this catalog.

BUSINESS ADMINISTRATION
The Department of Management and Business Administration offers an interdisciplinary major program in business administration (HEGIS 0506) leading to a BBA degree. The program in business administration is supported by the faculty of the Hagan School of Business.

Objectives
The program in business administration is designed as an integrative rather than a concentrated course of study. It is an interdisciplinary program with advanced courses in several functional areas that allows students to deal with managerial and decision-making concerns from a broad perspective. The major prepares students for non-specialist positions in business, introduces them to the international aspects of business and assists those interested in preparing for graduate business education. The diversified approach provides graduates with flexibility to seek advancement in a variety of areas.
Objectives
The finance program prepares students for a career in finance in private and public sector organizations and for a graduate education in finance or any business discipline. Students are introduced to concepts, theories, and applied analysis relating to financial management, financial markets, and investments both domestic and international. While providing broad coverage, it focuses on developing decision-making skills utilizing computerized tools and online resources. Learning is further enhanced by an internship program that leverages contacts and alumni in the tri-state area.

BBA IN BUSINESS ADMINISTRATION
Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>51 credits</th>
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<tbody>
<tr>
<td>Business Degree Core</td>
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<th>Course</th>
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<td>ECO</td>
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</table>

Major Requirements
Students who choose to major in business administration must complete the following:

A. Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
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<td>ACC</td>
<td>Analysis of Financial Statements (3 credits)</td>
</tr>
<tr>
<td>BEC</td>
<td>Dimensions of International Business (3 credits)</td>
</tr>
<tr>
<td>FIN</td>
<td>Corporate Finance (3 credits)</td>
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</tr>
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<td>MNG</td>
<td>Organizational Behavior (3 credits)</td>
</tr>
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<td>MNG</td>
<td>Managerial Decision Making (3 credits)</td>
</tr>
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</table>

B. Comprehensive Requirement
The program in business administration does not have a specific comprehensive requirement.

Minor Concentration
The Hagan School of Business does not offer a minor in business administration.

FINANCE, BUSINESS ECONOMICS AND LEGAL STUDIES
The Department of Finance, Business Economics and Legal Studies offers a major program in finance (HEGIS 0504) leading to the BBA degree. The department also offers a minor concentration in finance.

Faculty
Chair: A. Shetty; Professors: A. Braunstein, J. Ford, V. Maher, J. Manley, J. L. Nasuti, A. Shetty; Professors Emeriti: F. McGrath, G. Paraskevopoulos; Associate Professors: N. Gao, S. Kroleski, N. Kyaw, G. Mangiero, E. Mariola, P. Reville; Assistant Professors: M. Kang; Clinical Instructor: E. Moscato; Coordinator of Internships: A. Shetty.

Objective

The finance program prepares students for a career in finance in private and public sector organizations and for a graduate education in finance or any business discipline. Students are introduced to concepts, theories, and applied analysis relating to financial management, financial markets, and investments both domestic and international. While providing broad coverage, it focuses on developing decision-making skills utilizing computerized tools and online resources. Learning is further enhanced by an internship program that leverages contacts and alumni in the tri-state area.

BBA IN FINANCE
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Major Requirements
Finance students who choose to major in finance must complete the following:

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Minor Concentration
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Objective

The finance program prepares students for a career in finance in private and public sector organizations and for a graduate education in finance or any business discipline. Students are introduced to concepts, theories, and applied analysis relating to financial management, financial markets, and investments both domestic and international. While providing broad coverage, it focuses on developing decision-making skills utilizing computerized tools and online resources. Learning is further enhanced by an internship program that leverages contacts and alumni in the tri-state area.

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Major Requirements
Finance students who choose to major in finance must complete the following:

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</tr>
<tr>
<td>FIN</td>
<td>Investment Analysis (3 credits)</td>
</tr>
</tbody>
</table>

and two electives in finance, one of which may be fulfilled by an internship or independent study.

B. Comprehensive Requirement
The program in business administration does not have a specific comprehensive requirement.

Minor Concentration
The Hagan School of Business does not offer a minor in business administration.

FINANCE, BUSINESS ECONOMICS AND LEGAL STUDIES
The Department of Finance, Business Economics and Legal Studies offers a major program in finance (HEGIS 0504) leading to the BBA degree. The department also offers a minor concentration in finance.

Faculty
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Minor Concentration
BBA candidates wishing to complete a minor in finance must complete 12 credits in the discipline. Candidates in a BA or BS program must also complete 12 credits in finance, as well as the abbreviated business core as explained in this catalog.

GENERAL BUSINESS

The Department of Management and Business Administration offers an interdisciplinary program in general business (HEGIS 0501), leading to a BS degree. The program in general business is supported by the faculty of the Hagan School of Business.

See the section on “Undergraduate Degrees for Returning Adult Students” in this catalog for a description of the BS in General Business program.

INFORMATION SYSTEMS

The Department of Information Systems offers a major program in information systems (HEGIS 0702) leading to a BBA degree. A minor concentration is also available.

Faculty
Chair: R. Richardson; Professors: V. Calluzzo, K. Engemann, D. Moscato, R. Richardson, R. Yager; Associate Professors: W. Adis, S. Altschuller, C. Cante, O Soulade; Assistant Professor: H. Shin; Coordinator of Internships: K. Engemann.

Objectives
The program in information systems recognizes information as a valuable corporate resource which, when properly managed by organizations, can give them a definite competitive advantage. Accordingly, the principal objective of the IS program is to develop the skill set necessary to analyze, design and evaluate an organization’s information technology systems. To this end, courses in the program present technical, economic, and behavioral dimensions of computer-based information systems whose purpose is to support a firm’s information and decision technology infrastructure. Throughout the program there is a great emphasis placed on “hands on,” project-related work using a variety of applications development tools.

BBA IN INFORMATION SYSTEMS

Overview

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
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</tr>
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</tbody>
</table>

Major Requirements

Students who choose to major in information systems must complete seven of the following courses:

A. Major Courses

<table>
<thead>
<tr>
<th>IS</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>310</td>
<td>Analysis and Design of Management Information Systems (3 credits)</td>
</tr>
<tr>
<td>320</td>
<td>Applications Development with Visual Basic (3 credits)</td>
</tr>
<tr>
<td>335</td>
<td>Database Management (3 credits)</td>
</tr>
<tr>
<td>355</td>
<td>Internet Applications in Business (3 credits)</td>
</tr>
<tr>
<td>420</td>
<td>Decision Support Systems (3 credits)</td>
</tr>
<tr>
<td>425</td>
<td>Building Client/Server Applications (3 credits)</td>
</tr>
<tr>
<td>430</td>
<td>Managing Network Systems (3 credits)</td>
</tr>
<tr>
<td>435</td>
<td>Risk Analysis and Decision Technology (3 credits)</td>
</tr>
<tr>
<td>440</td>
<td>Audit and Control of Computer Systems (3 credits)</td>
</tr>
<tr>
<td>450</td>
<td>Seminar in Information Systems (3 credits)</td>
</tr>
<tr>
<td>465</td>
<td>Internship in Information Systems (3 credits)</td>
</tr>
</tbody>
</table>

B. Comprehensive Requirement

There is no comprehensive requirement in the information systems major.

Internships

The department conducts a credit-bearing internship program with a select group of institutions in which students are expected to take part in projects and organizational decision-making. Each semester invitations are extended to a limited number of students selected from among those who have demonstrated high academic achievement.

Minor Concentration

BBA candidates wishing to minor in information systems must complete 12 credits in IS. Candidates for the BA and the BS must also complete 12 credits in IS, as well as the abbreviated business core as explained in this catalog.

INTERNATIONAL BUSINESS

The Department of Marketing and International Business offers an interdisciplinary business major in international business (HEGIS 0513) leading to the BBA degree. A minor concentration is also available. The program in international business is supported by the faculty of the Hagan School of Business.
Objectives
The program in international business is an interdisciplinary business program which is designed to prepare students for careers in the increasingly internationalized business environment. The objective of the program is to give equal weight to all of the major business areas of economics, finance, management and marketing in an international context, and thereby provide students with a broad foundation of knowledge which is applicable to large and small organizations serving domestic as well as global markets.

BBA IN INTERNATIONAL BUSINESS

Overview

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<tr>
<th>College Core</th>
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<td>CS 140</td>
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</table>

Major Requirements
Students who choose to major in international business must complete the following:

A. Major Courses
Common International Business Courses

<table>
<thead>
<tr>
<th>BEC 325</th>
<th>Dimensions of International Business (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 333</td>
<td>Global Finance (3 credits)</td>
</tr>
<tr>
<td>MKT 414</td>
<td>International Marketing (3 credits)</td>
</tr>
<tr>
<td>MNG 414</td>
<td>International Management (3 credits)</td>
</tr>
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</table>

and three of the following (9 credits):

<table>
<thead>
<tr>
<th>BLW 415</th>
<th>International Law and Business (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 436</td>
<td>International Financial Management (3 credits)</td>
</tr>
<tr>
<td>FIN 437</td>
<td>International Banking and Financial Markets (3 credits)</td>
</tr>
<tr>
<td>MNG 415</td>
<td>International Human Resource Management (3 credits)</td>
</tr>
<tr>
<td>MKT 350</td>
<td>Global Fashion Marketing (3 credits)</td>
</tr>
<tr>
<td>MKT 360</td>
<td>Global Entertainment Marketing (3 credits)</td>
</tr>
<tr>
<td>MKT 371</td>
<td>Global Internet Marketing (3 credits)</td>
</tr>
<tr>
<td>MKT 385</td>
<td>Global Green Marketing (3 credits)</td>
</tr>
<tr>
<td>MKT 416</td>
<td>International Advertising (3 credits)</td>
</tr>
<tr>
<td>MKT 418</td>
<td>Import and Export Management (3 credits)</td>
</tr>
</tbody>
</table>

In addition, students may choose either directed learning through independent study or participation in internationally-based internships in the field of finance, management or marketing. Contact the individual departments for more information about these courses.

B. Comprehensive Requirement
The program in international business does not have specific comprehensive requirements.

Recommendations
Students interested in international business are strongly encouraged to develop fluency in one or more foreign language, though this is not part of the required program. It is also recommended that students interested in this program make every effort to participate in a “Study Abroad” program for one semester.

Internships
The international business faculty sponsor a credit-bearing internship program in selected organizations, in which students are expected to take part in projects and organizational decision making situations relating to international business. Senior standing and a faculty recommendation are needed to apply for either a fall, spring or summer internship position.

Minor Concentration
BBA candidates wishing to minor in international business must complete 12 credits in international business courses (BEC 325 and three (3) additional courses from at least two disciplines). Candidates for the BA and BS must also complete 12 credits in international business, as well as the abbreviated business core as explained in this catalog.

MANAGEMENT
The Department of Management and Business Administration offers a major program in management (HEGIS 0506) leading to a BBA degree. A minor concentration is also available.

Faculty
Chair: H. McCabe; Professors: N. Beutell, D. Grunewald, T. Schwartz; Visiting Professor: D. Schwartz; Associate Professors: J. Alstete, D. Halpern, J. Meyer; Assistant Professor: J. Kang, P. Savage; Coordinator of Internships: J. Meyer; Senior Lecturer: H. McCabe.
Objectives
The Department of Management offers a major in management that is concerned with the achievement of the goals of an organization, either a business or a not-for-profit entity, and the goals of the people within the organization. Management includes the functions of planning, organization, motivation and control which are directed toward solving problems involving finance, human relations and production.

The program in management is designed to prepare students for careers in the management of public and private sector organizations. To that end it presents students with a systematic body of knowledge to enable them to acquire an understanding of how formal organizations are structured and to appreciate the significance of informal structures within organizations. The program maintains a balance of theory and experiential learning to develop the thinking, traits, knowledge and skills essential to career success and leadership in any business. Special emphasis is given to interpersonal and decision making skills.

BBA IN MANAGEMENT

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College Core

| ECO 201-202 | to satisfy Area II |
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| CS 140 | to satisfy Area III |

Major Requirements
Students who choose to major in management must complete the following:

A. Major Courses

| MNG 315 | Collective Bargaining (3 credits) |
| MNG 321 | Organizational Behavior (3 credits) |
| MNG 350 | Human Resource Management (3 credits) |
| MNG 414 | International Management (3 credits) |
| MNG 425 | Managerial Decision-Making (3 credits) |
| MNG Elective (6 credits) |

B. Comprehensive Requirement
There is no comprehensive requirement for the management major.

Internships
The department conducts a credit-bearing internship program in a select group of organizations, where students are expected to take part in projects and organizational decision-making situations. Senior standing is needed to apply.

Minor Concentration
BBA candidates wishing to minor in management must complete 12 credits in management. Candidates for the BA and the BS must also complete 12 credits in management, as well as the abbreviated business core as explained in this catalog.

MARKETING

The Department of Marketing and International Business offers a major program in marketing (HEGIS 0509) leading to a BBA degree. A minor concentration is also available.

Faculty
Chair: F. Rudell; Professors: P. Loubeau, S. Rozensher; Associate Professors: G. Priovolos, F. Rudell; Assistant Professor: C. Martins; Coordinator of Internships: S. Rozensher.

Objectives
The aim of marketing is to create and maintain satisfying and profitable relationships with consumers. It encompasses all activities involved in planning and managing the flow of goods and services, including analysis of the business environment, marketing research, consumer analysis, selection of target markets, product development, positioning, branding, packaging, pricing, distribution and promotion, in domestic and international markets.

The program in marketing is designed to prepare students for successful careers in the marketing field and for advanced study in business through instruction in the theory and application of effective, modern marketing techniques. The curriculum allows the student to combine classroom and real-world experience, with emphasis given to recent developments in globalization and information technology.

BBA IN MARKETING

Overview

<table>
<thead>
<tr>
<th>College Core</th>
<th>51 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Degree Core</td>
<td>36 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>21 credits</td>
</tr>
<tr>
<td>Liberal Arts Electives</td>
<td>12 credits</td>
</tr>
<tr>
<td>Business Electives</td>
<td>6 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>126 credits</td>
</tr>
</tbody>
</table>
College Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201-202</td>
<td>2</td>
<td>II</td>
</tr>
<tr>
<td>MTH 134 or 231</td>
<td>3</td>
<td>III</td>
</tr>
<tr>
<td>CS 140</td>
<td>4</td>
<td>III</td>
</tr>
</tbody>
</table>

Major Requirements

Students who choose to major in marketing must complete the following:

Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 301</td>
<td>3</td>
<td>Consumer Behavior</td>
</tr>
<tr>
<td>MKT 307</td>
<td>3</td>
<td>Marketing Communications</td>
</tr>
<tr>
<td>MKT 330</td>
<td>3</td>
<td>Market Research</td>
</tr>
<tr>
<td>MKT 414</td>
<td>3</td>
<td>International Marketing</td>
</tr>
<tr>
<td>MKT 460</td>
<td>3</td>
<td>Marketing Strategy and Planning</td>
</tr>
</tbody>
</table>

and two (2) additional courses in marketing

Comprehensive Requirement:

Candidates for the BBA in marketing must complete the requirements of MKT 460 to satisfy the comprehensive requirement.

Internships

The department conducts a credit-bearing internship program which exposes students to the real world of marketing and involves them in meaningful projects and decision-making situations. Senior standing and a faculty recommendation are needed to apply for either a fall, spring or summer internship position.

Minor Concentration

BBA candidates wishing to minor in marketing must complete 12 credits in marketing. Candidates for the BA and the BS must also complete 12 credits in marketing, as well as the abbreviated business core as explained in this catalog.

SPORTS AND ENTERTAINMENT BUSINESS MINOR

The Department of Marketing and International Business offers a 12-credit interdisciplinary minor in Sports and Entertainment Business. The minor is supported by the faculty of the Hagan School of Business.

Students choose four courses from the following offerings. Courses selected for the minor cannot be used for major credit.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLW 410</td>
<td>3</td>
<td>Sports Law</td>
</tr>
<tr>
<td>FIN 350</td>
<td>3</td>
<td>Sports Finance</td>
</tr>
<tr>
<td>IS 315</td>
<td>3</td>
<td>Information Systems in Sports and Gaming</td>
</tr>
<tr>
<td>MKT 319</td>
<td>3</td>
<td>Sports Marketing</td>
</tr>
<tr>
<td>MKT 360</td>
<td>3</td>
<td>Global Entertainment Marketing</td>
</tr>
<tr>
<td>MNG 380</td>
<td>3</td>
<td>Managing Sports Organizations</td>
</tr>
<tr>
<td>FIN, IS, MKT or MNG 465</td>
<td>3</td>
<td>Sports Entertainment Internship</td>
</tr>
</tbody>
</table>

Total: 12 Credits
Iona College serves adult students seeking educational opportunities to meet career and personal goals in various baccalaureate and certificate programs. The Professional Studies Program is offered year-round during evening and weekend sessions through the School of Arts and Science and the Hagan School of Business. The baccalaureate programs offer a wide range of individualized options, including distance learning and guided independent study, and allow credits to be earned for prior learning (life experience) portfolios and special examinations. Some majors offer qualified students the opportunity to put their education to work through credit-bearing internships and practica.

Courses are offered for four credits each on a trimester schedule and during the two summer sessions to enable students to complete degree requirements in a timely manner. Evening and weekend formats permit students to select times most convenient to their busy lives and facilitate degree completion.

See sections in this catalog on Admissions and Academic Information for policies that apply to the Professional Studies Program.

The following degree and certificate programs are offered for returning adult students, in the evening/weekend schedule only. All programs require a total of 120 credits.

**BACCALAUREATE DEGREES AND CERTIFICATE PROGRAMS**

(Progranms not accepting new students)

**Bachelor of Science Degrees (BS)**
- BS in General Business
- BS in Liberal Studies
- BS in Social Work

**Bachelor of Professional Studies Degrees (BPS)**
- BPS in Criminal Justice
- BPS in Data Communication
- BPS in Internet Communication and Development
- BPS in Public Communication
- BPS in Psychology
- Certificate in Drug and Alcohol Abuse Studies

**CREDIT STUDY OPTIONS**

Students can earn credit for learning that has been evaluated as equivalent to college-level work. Other options, such as distance learning and guided independent study, allow students to study independently at a time and place most convenient for them.

**Prior Learning Assessment Program (Life-Experience Credit)**

Through the Prior Learning Assessment Program, the matriculated student can apply for advanced standing and academic credit on the basis of a portfolio that summarizes and documents the major learning experiences of the student. Each student is required to take a seminar in the preparation of the portfolio. Up to forty credits maximum may be granted toward the bachelor’s degree on the basis of the portfolio, which is evaluated by a faculty committee. An evaluation fee is required. No portfolio will be evaluated during the semester in which a student plans to graduate. A portfolio may be submitted only once. Life experience credit may only be granted in the liberal arts elective area of the BS in General Business degree.

**Credit by Examination**

Students may receive college credit if they achieve an acceptable score on examinations offered through the College Level Examination Program (CLEP), the College Proficiency Examination Program (CPE), or the Regents College Examination Program. Minimum passing scores may vary depending on the subject area of the examination.

**Distance Learning**

Distance learning courses match the rigor of classroom work while providing motivated students the opportunity to earn college credit on their own time and at their own pace. Learning is facilitated by contact with the instructor via telephone, e-mail, or in-person conferences.

**Guided independent Study Courses**

Qualified adult students enrolled in the evening/weekend programs may take guided independent study courses offered by some departments. Adviser’s permission is required.
Video Courses
Video courses combine independent reading and guided study with assigned video programs. Interested students should consult with their advisers.

Internships and Practica
Some majors offer qualified students the opportunity for credit-bearing internship and practa. Students should consult the chair of their major department for information.

GRADUATION REQUIREMENTS
To be eligible for graduation, students must satisfactorily complete all requirements of the degree program in which they are registered and maintain a minimum grade point average of 2.0 in both the major and cumulative index. All candidates must file a Degree Candidate Form with the Office of the Registrar at least six months prior to the expected date of graduation.

OVERVIEW OF DEGREE PROGRAMS
All Degree Programs except Social Work

<table>
<thead>
<tr>
<th>Core Curriculum</th>
<th>40 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Courses</td>
<td>40 credits</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>40 credits*</td>
</tr>
<tr>
<td>Total</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

*General business requires 20 credits in business electives and 20 credits in liberal arts electives.

Overview of BS in Social Work

<table>
<thead>
<tr>
<th>Core Curriculum</th>
<th>40 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Courses</td>
<td>8 credits</td>
</tr>
<tr>
<td>Major Courses</td>
<td>44 credits</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>28 credits</td>
</tr>
<tr>
<td>Total</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

CORE CURRICULUM FOR PROFESSIONAL STUDIES PROGRAM

All courses are four credits each:

<table>
<thead>
<tr>
<th>CS</th>
<th>1110</th>
<th>Computing Today</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG</td>
<td>1120</td>
<td>Business and Professional Writing</td>
</tr>
<tr>
<td>ENG</td>
<td>1140</td>
<td>Literature Survey, From Antiquity to the Present</td>
</tr>
<tr>
<td>HST</td>
<td>1110</td>
<td>The World in the 20th Century</td>
</tr>
<tr>
<td>MTH</td>
<td>1110</td>
<td>Contemporary Mathematics **</td>
</tr>
<tr>
<td>PHL</td>
<td>1110</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>NSC</td>
<td>1000</td>
<td>Integrated Science and Technology*</td>
</tr>
<tr>
<td>RST</td>
<td>1110</td>
<td>Introduction to the Study of Religion</td>
</tr>
<tr>
<td>SCS</td>
<td>1110</td>
<td>Oral Communication</td>
</tr>
</tbody>
</table>

SCC 1110 Introduction to Social Sciences* **
Total 40 credits

* Social Work students take NSC 2400, Principles of Anatomy and Physiology and ECO 1101, Introduction to Economics.

** BS in General Business students take MTH 1114, General Mathematics for Business, and ECO 1101, Introduction to Economics.

BACHELOR OF SCIENCE DEGREES (BS)

BS IN GENERAL BUSINESS
Offered by the Department of Management and Business Administration.

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>BUS</th>
<th>1350</th>
<th>Business Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS</td>
<td>2010</td>
<td>Principles of Accounting</td>
</tr>
<tr>
<td>BUS</td>
<td>2110</td>
<td>Quantitative Business Analysis</td>
</tr>
<tr>
<td>BUS</td>
<td>3010</td>
<td>Foundations of Management</td>
</tr>
<tr>
<td>BUS</td>
<td>3020</td>
<td>Operations Management</td>
</tr>
<tr>
<td>BUS</td>
<td>3030</td>
<td>Introduction to Finance</td>
</tr>
<tr>
<td>BUS</td>
<td>3040</td>
<td>Essentials of Marketing</td>
</tr>
<tr>
<td>BUS</td>
<td>3050</td>
<td>Information Systems for Business</td>
</tr>
<tr>
<td>BUS</td>
<td>4010</td>
<td>Business and Society</td>
</tr>
<tr>
<td>BUS</td>
<td>4070</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>40 credits</td>
</tr>
</tbody>
</table>

BS IN LIBERAL STUDIES
(formerly the BS in Humanities)
Offered by the School of Arts and Science

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Courses at the 300 level and above in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
</tr>
<tr>
<td>and at least two of the following disciplines:</td>
</tr>
<tr>
<td>Fine and Performing Arts</td>
</tr>
<tr>
<td>Foreign Languages</td>
</tr>
<tr>
<td>History</td>
</tr>
<tr>
<td>Philosophy</td>
</tr>
<tr>
<td>Religious Studies</td>
</tr>
<tr>
<td>Total: 40 credits</td>
</tr>
</tbody>
</table>
BS IN SOCIAL WORK
Offered by the Department of Social Work. See Social Work in the Arts and Science section of this catalog for information on admissions and academic policies that apply to both day and evening programs in Social Work.

Required Courses in Related Disciplines
All courses are 4 credits each.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 1010</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>PSY 1101</td>
<td>Introductory Psychology</td>
</tr>
<tr>
<td>Total</td>
<td>8 credits</td>
</tr>
</tbody>
</table>

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW 2220</td>
<td>Human Behavior and the Social Environment: Human Diversity</td>
</tr>
<tr>
<td>SOW 2230</td>
<td>Social Welfare and Society</td>
</tr>
<tr>
<td>SOW 3120</td>
<td>Human Behavior and the Social Environment: Life Course</td>
</tr>
<tr>
<td>SOW 3130</td>
<td>Social Welfare Policy</td>
</tr>
<tr>
<td>SOW 3200</td>
<td>Research for Social Work Practice</td>
</tr>
<tr>
<td>SOW 3220</td>
<td>Social Work Processes I</td>
</tr>
<tr>
<td>SOW 3230</td>
<td>Social Work Processes II</td>
</tr>
<tr>
<td>SOW 3240</td>
<td>Social Work Processes III</td>
</tr>
<tr>
<td>SOW 3610</td>
<td>Field Instruction in Social Work I</td>
</tr>
<tr>
<td>SOW 3620</td>
<td>Field Instruction in Social Work II</td>
</tr>
<tr>
<td>SOW 4910</td>
<td>Senior Seminar</td>
</tr>
<tr>
<td>Total</td>
<td>44 credits</td>
</tr>
</tbody>
</table>

BPS IN CRIMINAL JUSTICE
Offered by the Department of Criminal Justice.

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 1110</td>
<td>American Political System</td>
</tr>
<tr>
<td>PSY 1101</td>
<td>Introductory Psychology</td>
</tr>
<tr>
<td>SOC 1010</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>CRJ 2100</td>
<td>Probation and Parole</td>
</tr>
<tr>
<td>CRJ 2105</td>
<td>Survey of Criminalistics</td>
</tr>
<tr>
<td>CRJ 2107</td>
<td>Evidence and Procedure</td>
</tr>
<tr>
<td>CRJ 2205</td>
<td>Criminalistics Laboratory</td>
</tr>
<tr>
<td>CRJ 2500</td>
<td>Introduction to Security</td>
</tr>
<tr>
<td>CRJ 3100</td>
<td>Presentation of Evidence</td>
</tr>
<tr>
<td>CRJ 3101</td>
<td>Public Safety Management</td>
</tr>
<tr>
<td>CRJ 3102</td>
<td>Criminal Investigation</td>
</tr>
<tr>
<td>CRJ 3500</td>
<td>White Collar Crime</td>
</tr>
<tr>
<td>CRJ 3600</td>
<td>Terrorism</td>
</tr>
<tr>
<td>CRJ 4005</td>
<td>Crime Prevention</td>
</tr>
<tr>
<td>CRJ 4500</td>
<td>Police and Community Relations</td>
</tr>
<tr>
<td>Total</td>
<td>40 credits</td>
</tr>
</tbody>
</table>

BPS IN DATA COMMUNICATION
Offered by the Department of Computer Science.

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 4550</td>
<td>Police Personnel Administration and Supervision</td>
</tr>
<tr>
<td>CRJ 4925</td>
<td>Juvenile Justice</td>
</tr>
<tr>
<td>CRJ 4990-4999</td>
<td>Special Topics in Criminal Justice</td>
</tr>
<tr>
<td>Total</td>
<td>40 credits</td>
</tr>
</tbody>
</table>

BPS IN INTERNET COMMUNICATION AND DEVELOPMENT
Offered jointly by the Department of Computer Science and the Department of Mass Communication.

Major Requirements
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2001</td>
<td>Introduction to Programming</td>
</tr>
<tr>
<td>CS 2020</td>
<td>Fundamentals of Data Communication</td>
</tr>
<tr>
<td>CS 3001</td>
<td>Introduction to Networking</td>
</tr>
<tr>
<td>CS 3005</td>
<td>Advanced Networking</td>
</tr>
<tr>
<td>CS 3010</td>
<td>TCP/IP Protocol Suite</td>
</tr>
<tr>
<td>CS 3015</td>
<td>Network Operating Systems</td>
</tr>
<tr>
<td>CRJ 4005</td>
<td>Network and Implementation</td>
</tr>
<tr>
<td>CRJ 4010</td>
<td>Fundamentals of DNS</td>
</tr>
<tr>
<td>CRJ 4015</td>
<td>Introduction to UNIX</td>
</tr>
<tr>
<td>CRJ 4020</td>
<td>Routing in an Internet</td>
</tr>
<tr>
<td>CRJ 4025</td>
<td>Wireless Networking</td>
</tr>
<tr>
<td>CRJ 4040</td>
<td>Network Security</td>
</tr>
<tr>
<td>CRJ 4045</td>
<td>Network Administration</td>
</tr>
<tr>
<td>CRJ 4050</td>
<td>Network Troubleshooting</td>
</tr>
<tr>
<td>CRJ 4090-4099</td>
<td>Special Topics</td>
</tr>
<tr>
<td>Total</td>
<td>40 credits</td>
</tr>
</tbody>
</table>
### BPS in Public Communication
Offered by the Department of Mass Communication.

**Major Requirements**
All courses are 4 credits each:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCM 1101</td>
<td>Mass Communication and Modern Life</td>
</tr>
<tr>
<td>PCM 1201</td>
<td>Principles of Public Communication</td>
</tr>
<tr>
<td>PCM 1301</td>
<td>Writing for Mass Media</td>
</tr>
<tr>
<td>PCM 1401</td>
<td>Media Law and Ethics in Contemporary Society</td>
</tr>
</tbody>
</table>

**Major Elective Courses** - six courses chosen from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCM 2111</td>
<td>Communication for Organizations</td>
</tr>
<tr>
<td>PCM 2113</td>
<td>Publicity Campaigns</td>
</tr>
<tr>
<td>PCM 2115</td>
<td>Advertising and Integrated Marketing Communications</td>
</tr>
<tr>
<td>PCM 2117</td>
<td>Journalistic Writing</td>
</tr>
<tr>
<td>PCM 2119</td>
<td>International Communication</td>
</tr>
<tr>
<td>PCM 2121</td>
<td>Photography</td>
</tr>
<tr>
<td>PCM 2123</td>
<td>The Electronic Media: Radio, Television and the Internet</td>
</tr>
<tr>
<td>PCM 2125</td>
<td>Sports Communication</td>
</tr>
<tr>
<td>PCM 2127</td>
<td>Media Relations</td>
</tr>
<tr>
<td>PCM 2129</td>
<td>Gender and Race in Mass Communication</td>
</tr>
<tr>
<td>PCM 2140</td>
<td>Special Topics in Public Communication</td>
</tr>
<tr>
<td>PCM 2150</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

**Total** 40 credits

### BPS in Psychology
Offered by the Department of Psychology.

**Major Requirements**
All courses are 4 credits each, except those noted *:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1101</td>
<td>Introductory Psychology</td>
</tr>
<tr>
<td>PSY 2400</td>
<td>Brain, Mind and Behavior</td>
</tr>
<tr>
<td>PSY 3020</td>
<td>Quantitative Research Methods</td>
</tr>
<tr>
<td>PSY 3060</td>
<td>Developmental Research Methods of Life</td>
</tr>
<tr>
<td>PSY 3120</td>
<td>Personality Psychology</td>
</tr>
<tr>
<td>PSY 3150</td>
<td>Psychology of Learning and Memory</td>
</tr>
<tr>
<td>PSY 4110</td>
<td>Social Psychology</td>
</tr>
</tbody>
</table>

**Major Elective Courses** - 3 courses chosen from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2111</td>
<td>Childhood and Adolescence</td>
</tr>
<tr>
<td>PSY 2120</td>
<td>Psychology of Teaching and Learning</td>
</tr>
<tr>
<td>PSY 2150</td>
<td>Psychology in Business and Industry</td>
</tr>
<tr>
<td>PSY 3000</td>
<td>Health Psychology</td>
</tr>
<tr>
<td>PSY 3001</td>
<td>Introduction to Drug and Alcohol Abuse Studies</td>
</tr>
<tr>
<td>PSY 3101</td>
<td>Health Counseling</td>
</tr>
<tr>
<td>PSY 3135</td>
<td>Psychology of the Criminal Offender</td>
</tr>
<tr>
<td>PSY 3140</td>
<td>Psychology of Learning Dysfunctions</td>
</tr>
<tr>
<td>PSY 3160</td>
<td>Psychology of the Disadvantaged or Exceptional</td>
</tr>
<tr>
<td>PSY 3190</td>
<td>Psychological Aspects of Human Sexuality</td>
</tr>
<tr>
<td>PSY 3220</td>
<td>Psychology of Drug Habituation and Addiction</td>
</tr>
<tr>
<td>PSY 3260</td>
<td>Personnel Psychology</td>
</tr>
<tr>
<td>PSY 3700</td>
<td>The Adult Years: Continuity and Change* (6 credits)</td>
</tr>
<tr>
<td>PSY 4100</td>
<td>Practicum in Health Counseling</td>
</tr>
<tr>
<td>PSY 4120</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>PSY 4130</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSY 4500</td>
<td>Social Psychology* (9 credits)</td>
</tr>
<tr>
<td>PSY 4900</td>
<td>Organizational Psychology* (9 credits)</td>
</tr>
</tbody>
</table>

**Total** 40 credits
Graduate Programs

Iona College offers graduate programs through its School of Arts and Science and Hagan School of Business. The graduate catalog details these programs; an overview is presented here. Except where indicated, programs are available in New Rochelle and Rockland.

SCHOOL OF ARTS AND SCIENCE

The School of Arts and Science offers graduate degree programs in communication, journalism, computer science, criminal justice, education, educational administration, educational technology, English, health services administration, history, marriage and family therapy, pastoral counseling, psychology, Spanish and telecommunications.

COMMUNICATION

Master of Arts in Public Relations
The MA in Public Relations prepares individuals to assume positions of leadership in public relations and corporate communication. Through core and elective courses, the 36-credit curriculum blends theory and practice to provide the professional skills necessary for effective delivery and management of communication in business and the non-profit sector organizations.

Advanced Certificate in Nonprofit Public Relations (Online)
The Advanced Certificate in Nonprofit Public Relations enables individuals who hold a bachelor’s degree and those who have significant professional experience to enroll in the online certificate program.

COMPUTER SCIENCE

Master of Science in Computer Science
This 36-credit program prepares students for careers as computer science professionals in industry, education and government at the research, planning and developmental levels. It is designed to enhance students’ understanding of the theory, concepts and practice of computer science, and to enable them to develop competencies in such areas as software engineering, applied computer systems and telecommunications. Transition courses are available for those who lack the appropriate background or prerequisites.

COUNSELING

(Counseling program is not available at Rockland.)

Master of Science in Marriage and Family Therapy
This 54-credit program with a strong clinical base trains specialists in the field of family counseling. Graduates who work in hospitals, human service agencies and religious institutions are prepared to analyze and diagnose the family, marital and interpersonal problems presented by clients and provide effective counseling intervention.

CRIMINAL JUSTICE

Master of Science in Criminal Justice
This 33-credit program combines practical training with an interdisciplinary program of study and a specialization in computer applications. Courses provide criminal justice professionals with a greater understanding of current research and sophisticated technologies, and prepare graduates of allied fields for careers as police officers, investigators, correction specialists and other criminal justice professionals.

Advanced Certificate in Cyber-Crime & Security
This certificate is designed for those students interested in researching cyber-crime & Security monitoring. It is also for professionals who wish to advance their career path, particularly job-specific in the criminal justice system, business, Finance, or banking. This certificate is appropriate for the fields of law enforcement, private firms involved with cyber-crime & security, financial institutions or government & private contractors focused on preventing and detecting cyber-espionage and criminal investigations.

Advanced Certificate in Forensic Criminology and the Criminal Justice System
This 15-credit, graduate-level certificate is designed for professionals who wish to expand their expertise in the area of Criminal Justice. Students will focus on those populations being served by state and federal court systems, state and federal correctional systems, law enforcement agencies, prison/jail mental health facilities, and juvenile facilities. This certificate is appropriate for the fields of criminal justice, nursing/public health, law and paralegal studies, forensic psychology, and social work.
EDUCATION

Iona offers programs for students with no formal background in teacher training who want to enter the teaching profession. Iona also offers programs for beginning and experienced teachers seeking advanced certification, as well as for school administrators who seek state certification for professional advancement.

Master of Science in Teaching
Vast changes in the teaching profession are drawing professionals from diverse fields into education. Iona has designed MST programs in childhood and adolescence education (biology, English, Italian, mathematics, social studies, Spanish and special education) for career changers and others who want to embark on a teaching career but lack prior educational course work. (Biology and Spanish specializations are not available at Rockland.)

Master of Science in Education
Programs include adolescence education in biology, English, Italian, mathematics, social studies, Spanish and special education. These programs are designed for individuals who already possess initial certification. (Adolescence education in biology or Spanish are not available at Rockland.)

ENGLISH

Master of Arts in English
This 33 to 36 credit program, designed for students seeking personal development, career development or advanced study in the field of English, seeks to develop mature scholars of English who will possess a deeper understanding of literature and sophisticated methods of research. The department also supports specializations in the teaching of English at the secondary level through the MS in Education and the MS in Teaching. (See Education listing.)

HISTORY

Master of Arts in History with a Focus in Global Studies
This 33 to 36-credit program will enable students to move beyond an understanding of the role of Western Europe in shaping our values and institutions to appreciate the ideas and traditions of the cultures of Africa, Asia, the Middle East and the Americas. It is designed for secondary-level social studies teachers who wish to add to their knowledge and skills, students with an undergraduate degree in history who wish to prepare for doctoral study, and those who seek personal and intellectual growth.

The department also supports specializations in the teaching of social studies at the secondary level through the MS in Education and the MS in Teaching. (See Education listing.)

Master of Arts in History
The MA program in History is designed to benefit those seeking professional advancement and personal fulfillment. The Program’s uncomplicated, 30-credit, course requirement will allow for both the development of a mature understanding of history and the completion of one’s degree in one to one and a half years.

The Department also supports specializations in the teaching of Social Studies at the secondary level through the MS in Education and the MS in Teaching (see Education listing).

ITALIAN

Master of Arts in Italian
(Not accepting students)
This 30 to 33 credit program is offered for persons interested in the opportunity of advancing their knowledge in the field of Italian literature, history and language. The program aims to serve students with various career goals such as teaching or for preparation for doctoral level study. Emphasis is placed on the study of the great literary works of the Medieval, Renaissance and Modern eras, as well as Italian linguistics and the history of the Italian language. The department also supports specializations in the teaching of Italian at the secondary level through the MS in Education and the MS in Teaching. See the Education listing.

PSYCHOLOGY

Master of Arts in Psychology
Master of Arts in Mental Health Counseling
Master of Arts in School Psychology
The Master degrees in Psychology have been designed for persons who are considering a career in psychology, are already employed in the field or see themselves en route to doctoral study in psychology. The MA in Psychology offers a specialization in: general experimental psychology and industrial organizational psychology. The MA in Mental Health Counseling is a licensure-qualifying program. The MA in School Psychology is designed to prepare students for New York State Certification.
The program provides a balance of theoretical, methodological and practical expertise, as well as extensive training in written and oral expression. The program is designed to provide pertinent new experiences, to enhance knowledge in substantive areas, and to facilitate maximum development of essential professional competencies and attitudes. (These programs are not available at Rockland.)

**SPANISH**

*Master of Arts in Spanish*

This 30 to 33-credit program prepares students for professional careers in education, business, social service and government, as well as for doctoral study. Study of the literature and culture of Spain and Spanish-America may be combined with opportunities to study abroad to promote language mastery and enrich cultural understanding. The department also supports specializations in the teaching of Spanish at the secondary level through the MS in Education and the MS in Teaching. See the Education listing. (This program is not available at the Rockland Graduate Center.)

**SPEECH COMMUNICATION STUDIES**

*MA in Communication Sciences and Disorders*

The MA in CSD has been designed for persons who are considering a career such as speech language pathology. The program provides aspiring professionals with a firm understanding of the normal processes of speech, language, and hearing; the competence to diagnose and treat the full range of communicative disorders in all age groups; and the opportunity to practice in a wide variety of clinical settings, including schools, hospitals, clinics, special treatment centers, and private practice. The MA in CSD is a professional program that emphasizes the knowledge and skills requisite to practice speech-language pathology in an effective, ethical, and inclusive manner.

*Advanced Certificate in Clinical Communication*

The Advanced Certificate in Clinical Communication is a 12 credit, post-professional certificate program designed to increase patient centeredness, humanism in medicine, and to promote effective communication consistent with the current changes in the United States health care system.

For additional information on graduate programs in Arts and Science please contact:

Office of Graduate Admissions  
School of Arts and Science  
Iona College  
715 North Avenue  
New Rochelle, NY 10801-1890  
(914) 633-2328  
E-mail: admissions@iona.edu

**HAGAN SCHOOL OF BUSINESS**

The Hagan School of Business offers the Master of Business Administration in the following areas: accounting, financial management, health care management, human resource management, management, information systems, and marketing. A Post Master’s Certificate may be earned in the areas cited above, as well as Business Continuity & Risk Management, E-Commerce, and International Business.

**PROGRAMS IN BUSINESS**

*Master of Business Administration*

The goal of the MBA program of Iona College is to prepare students for management careers in business and other organizations. The effective manager must have the ability to analyze problems, evaluate alternative solutions, make decisions and implement them. The MBA program is designed to help the student acquire and develop these skills.

The program’s objectives are achieved through an integrated core curriculum, a series of courses in a field of concentration and advanced electives outside the major field.

The MBA curriculum requires 57 credits before waiver credits are applied. Appropriate course work at the undergraduate level may be applied against core course requirements, decreasing the number of credits required to as few as 33. There is a six-year limit for the completion of the MBA degree. A typical MBA student will take 48 credits and complete the program in four years, part-time, or two years, full-time.

*Masters of Science Degrees*

The Masters of Science programs are available for Accounting, Finance, Financial Services and International Finance. These programs have been designed for those individuals who want to focus on a specific financial area rather than the broader course of study available in the MBA program in Financial Management. All courses are 3 credits.
**Post Master’s Certificate**
A Post Master’s Certificate may be earned by MBA graduates upon successful completion of a series of courses in a major field of concentration or a highly specialized area of study approved by the dean or the department chair. A minimum of 15 credits in advanced courses is required. The PMC program is open to all holders of the MBA degree from an accredited institution and is available in all concentrations. See graduate catalog for further details.

**Fields of Concentration in Business**
The MBA can be obtained in the following fields of concentration: accounting, financial management; health care management; human resource management; management; information systems; and marketing.

**ADMISSIONS**
Applicants to all graduate programs in the Hagan School of Business must submit official transcripts of all undergraduate and graduate work, scores on a Graduate Management Admission Test (GMAT) taken within five years of the date of application and two letters of reference. Applications for admission are processed on a continuing basis.

**WAIVER OF CORE COURSES**
Undergraduate students who continue their studies in one of the graduate programs will be considered for waivers of core requirements if they achieve a grade of “B” or better in courses which are considered equivalent to graduate courses and which have been taken within five years of entrance into the graduate program.

For additional information, please contact:

Office of Graduate Admissions
Hagan School of Business
Iona College
715 North Avenue
New Rochelle, NY 10801-1890
(914) 633-2288
E-Mail: Hagan@iona.edu
Course Descriptions

At the end of each course description, information is provided to indicate when the course will be scheduled.

Please Note: Schedules are subject to change; consult the Office of the Student Financial Services prior to registration. The Registrar’s website is www.iona.edu/registrar.

Courses designated NLA (non-liberal arts) cannot be applied toward the minimum liberal arts credit requirements. Course prerequisites are included in this listing. Unless otherwise specified, a course does not have a prerequisite.

ACCOUNTING

ACC 305. Intermediate Accounting I
Conceptual framework and accounting standards, accounting system and recording procedures; elements and format of the balance sheet, income statement and statement of cash flows; valuation and reporting of cash, receivables, inventories and cost of goods sold, property, plant and equipment and depreciation, intangibles and depletion, current liabilities and contingencies. Additional laboratory hour required. 
Credits: 3.00
Prerequisite: BUS 202
Equivalency: ACC203/303/305
Offered in Fall & Spring Not Liberal Arts

ACC 310 Intermediate Accounting II
Time value of money; valuation and reporting of bonds payable and long-term notes, corporate capital and dividends; earnings per share, capital structure and dilutive securities; revenue recognition, income taxes and operating losses, accounting changes and error analysis; preparation of the statement of cash flows; full disclosure and financial statement analysis. Additional laboratory hour required. Not open to students who have completed ACC 204.
Credits: 3.00
Prerequisite: ACC 305
Equivalency: ACC204/304/310
Offered in Fall & Spring Not Liberal Arts

ACC 315 Cost Measurement and Analysis
A study of costing systems including activity-based costing; the classification, reporting, estimation and allocation of costs; flexible budgets and standards, revenue analysis, transfer pricing and the role of the controller. Additional laboratory hour required.
Credits: 3.00
Prerequisite: BUS 202
Offered in Fall & Spring Not Liberal Arts

ACC 316 Advanced Financial Accounting
A study of the accounting for business combinations, acquisitions and consolidations (wholly owned and less-than wholly owned), inter-company transactions, partnership accounting and multinational accounting issues. 
Credits: 3.00
Prerequisite or Corequisite: ACC 310
Equivalency: ACC 320/312/413
Not Liberal Arts

ACC 330 Analysis of Financial Statements
A study of financial statements; analytical techniques and financing and investing activities; credit, equity and profitability analysis; analysis of return on investment, earnings and cash flows; and prospective analysis and business combinations. Not open to Accounting majors.
Credits: 3.00
Prerequisite: BUS 202
Equivalency: ACC330/308
Not Liberal Arts Not Open to Accounting Majors

ACC 381 Accounting Software - Quickbooks
This course is a hands-on introduction to accounting software using the Quickbooks accounting program. Students will learn how to set up a chart of accounts, make entries, set up vendors and customers, handle file operations and prepare a set of financial statements, as well as use some of the other functionality within the program.
Credits: 1.00
Prerequisite: BUS 201
Not Liberal Arts

ACC 382 Accounting Software - Peachtree
This course is a hands-on introduction to accounting software using the Peachtree accounting program. Students will learn how to set up a chart of accounts, make entries, set up vendors and customers, handle file operations and prepare a set of financial statements, as well as use some of the other functionality within the program.
Credits: 1.00
Prerequisite: BUS 201
Not Liberal Arts
ACC 383 Accounting Software - Microsoft Dynamics
This course is a hands-on introduction to accounting software using the Microsoft Dynamics accounting program. Students will learn how to set up a chart of accounts, make entries, set up vendors and customers, handle file operations and prepare a set of financial statements, as well as use some of the other functionality within the program.
Credits: 1.00
Prerequisite: BUS 201
Not Liberal Arts

ACC 386 Cases in Ethics
This course is a discussion based course where the students dissect accounting and business situations for the underlying ethical dilemmas, discuss what they might have done in the situation, the various effects on stakeholders and the public and how the situation eventually was resolved.
Credits: 1.00
Prerequisite: ACC 310
Not Liberal Arts

ACC 405 Federal Income Taxation I
A study of federal income taxation of individuals; filing status and dependents; income inclusions and exclusions; personal, investment and business related deductions; property transaccations and gains and losses; tax credits, computation and payment; and review of applicable Internal Revenue Code provisions and regulations.
Credits: 3.00
Prerequisite: BUS 202
Offered in the Fall Semester Not Liberal Arts

ACC 410 Federal Income Taxation II
A study of federal income taxation of corporations and partnerships; formation, capital contributions and distributions, liquidations, and reorganizations; consolidated returns; S corporations and personal holding companies; and review of applicable Internal Revenue Code provisions and regulations.
Credits: 3.00
Prerequisite: ACC 405
Offered in Fall & Spring Not Liberal Arts

ACC 411 Government and Nonprofit Accounting
A study of accounting principles and financial reporting for state and local government units and non-profit health care and educational entities; transaction accounting and fund types; auditing requirements and regulatory, budgeting and taxation issues.
Credits: 3.00
Prerequisite: ACC 310
Equivalency: ACC 411/406
Offered in Fall & Spring

ACC 413 Advanced Financial Accounting
Nature of pensions, reporting expense and minimum liability, other post-retirement benefits; leases and accounting by lessees and lessors, special leasing situations; investments in debt and equity securities, holding period and equity method; purchase method of business combinations, acquisition and inter-company transactions.
Credits: 3.00
Corequisite: ACC 310
Equivalency: ACC 320/312/413

ACC 420 Auditing Principles and Procedures
Role of the public accountant, professional standards and ethics and auditor legal liability; audit planning, evaluation of risk and internal control and designing audit programs; audit evidence and documentation, testing and sampling; audit procedures for assets, liabilities and operations; completing the audit and preparing reports.
Credits: 3.00
Prerequisite: ACC 413 or senior standing
Equivalency: ACC 420/415
Offered in Fall & Spring

ACC 463 Independent Study in Accounting
Students undertake an advanced specialized study project not covered by the regular course offerings. Students participate in individual conferences with a faculty member to plan, execute and discuss the findings of the project.
Credits: 1.00
Department Consent Required.
Offered When Needed Open to Seniors Only Not Liberal Arts

ACC 481 Tax Software - Pro Series
This course is a hands-on introduction to tax software using the Pro Series tax program. Students will learn how to set up the preparer file, enter client accounts, input general information, enter revenue and income items, enter loss and expense items, tax credit items, prepare supporting schedules, and print the return for filing with the respective taxing bodies.
Credits: 1.00
Prerequisite: ACC 405
Not Liberal Arts

ACC 482 Tax Software - Lacerte
This course is a hands-on introduction to tax software using the Lacerte tax program. Students will learn how to set up the preparer file, enter client accounts, input general information, enter revenue and income items, enter loss and expense items, tax credit items, prepare supporting schedules, and print the return for filing with the respective taxing bodies.
Credits: 1.00
Prerequisite: ACC 405
Not Liberal Arts
ACC 483 Tax Software - Pro Systems
This course is a hands-on introduction to tax software using the Pro Systems tax program. Students will learn how to set up the preparer file, enter client accounts, input general information, enter revenue and income items, enter loss and expense items, tax credit items, prepare supporting schedules, and print the return for filing with the respective taxing bodies.
Credits: 1.00
Prerequisite: ACC 405
Not Liberal Arts

ACC 484 Cases in Financial Reporting
This course is a discussion based course where the students discuss financial reporting issues from cases provided by the Financial Accounting Standards Board (FASB), the body that promulgates the guidance that is generally accepted accounting practice.
Credits: 1.00
Prerequisite: ACC 310
Not Liberal Arts

ACC 485 International Financial Reporting Standards
This course provides a framework for understanding how international financial reporting standards (IFRS) differs from US reporting standards and how and when to apply the international standards.
Credits: 1.00
Prerequisite: ACC 310
Not Liberal Arts

ACC 486 Tax Return Preparation for Exempt Organizations
This course shows how to prepare tax returns for exempt organizations (forms 990 and 990-PF). The course discusses the differing information required by tax returns for exempt organizations, how to collect and how to present the information.
Credits: 1.00
Prerequisite: ACC 405
Not Liberal Arts

BIOLOGICAL SCIENCES

BIO 100-E. Biology Elective
Credits: 3.00

BIO 101 General Biology 1
An introduction to the science of life, biology as a science, cellular basis of life, energy transformation, the nature of the gene and its action, nutrient procurement and processings, gas exchange, internal transport, regulation of body fluids, chemical control, nervous control, and effectors.
Credits: 4.50
Offered in the Fall Semester

BIO 102 General Biology 2
Animal behavior, cellular reproduction, patterns of inheritance, development, evolution, ecology, origin and early evolution of life, viruses and Monera, the Plant and Animal Kingdoms.
Credits: 4.50
Prerequisite: BIO 101
Offered in the Spring Semester

BIO 108 Body Structure and Function
An introductory course, without laboratory, in basic human anatomy and physiology. Topics to include the following systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. The laboratory section of this course will involve the examination of human anatomical models and experiments in basic physiology. Students will make a presentation on a specialized topic, based on the student's major (e.g. Speech Communication Studies majors may do a project on disorders of the ear, nose and throat).
Credits: 3.00
Prerequisites: BIO 101 or STL 100
Equivalency: BIO 108/SCI0155
Offered in the Fall Semester

BIO 109 General Biology 1 without Lab
Credits: 3.00

BIO 110 General Biology 2 without Lab
Credits: 3.00

BIO 125 Environmental Science I
This course is an introduction into environmental science for majors in Environmental Science. This course will provide students with the underlying science behind common environmental issues and give insight into the way that the science is applied in the environmental movement and the general public. The course will give an overview of issues such as climate change, energy use, pollution, habitat loss, and water relations. The laboratory will introduce students to field and laboratory exercises that are commonly used by environmental scientists to collect and analyze data. This course, in conjunction with Environmental Science II, may be used to fulfill the first of two science courses required for the core curriculum.
Credits: 4.00
Offered When Needed

BIO 128 Principles of Nutrition
An in-depth study of the science of nutrition. Topics to include: macronutrients, micronutrients, digestion, absorption and metabolism of nutrients, water and electrolytes, recommended dietary allowances, nutrition throughout the life cycle, and recent developments in the science of nutrition.
Not applicable toward baccalaureate degrees in biology.

Credits: 3.00

Equivalency: BIO128/SCI0200/NSC109/HEA/HES

Offered When Needed Not for Major Credit

BIO 148 Exercise and Fitness
This course will examine the basic science underlying exercise and its implications on overall health and fitness. The influence of exercise and athletic training on the human body will be studied in the context of a dynamic process. After introducing the basic biochemistry, anatomy and physiology of the bodily systems (metabolic, musculoskeletal, respiratory, cardiovascular and nervous), a study of the effects of various exercise activities on these systems will ensue. The biology behind the structure and function of the bodily systems, the rationale behind many training regimens, and the fallacy behind many myths will be explored. Not open to students who have previously taken HES 3701.

Credits: 4.00

Equivalency: BIO 148/NSC2500

BIO 201 Evolution, Ecology and Biodiversity
An investigation of the interaction of evolutionary and ecological processes that have led to the great biological diversity observed in the world over geologic time. The course will begin with foundational concepts in genetics, particularly those responsible for creating genetic variation. The course will also discuss the geological and physical processes responsible for creating heterogeneous environments. Class discussions will then focus on the interactions of the biological systems with an ever-changing environment leading to an understanding of the mechanisms responsible for biodiversity. Concepts common to both evolutionary and ecological studies such as parasitism, predation, competition, sexual selection and speciation will be examined using current examples from both botany and zoology. A laboratory section of the course will reinforce the concepts discussed in lecture using metropolitan area as a classroom, along with computer simulations and experiments designed to illustrate current techniques used to study ecology and evolution. Three hours of lecture, two hours of lab.

Credits: 4.00

Prerequisites: BIO 101 & 102 and minimum of MTH 135

BIO 206 Introduction to Botany
A course that introduces students to the world of photosynthetic organisms. In particular, the course explores plant form and diversity. Emphasis will be placed on plant morphology, anatomy, reproduction, taxonomy, evolution, and ecology. Recent scientific developments will also be reviewed. The lab will have three objectives: 1) provide a macroscopic and microscopic survey of photosynthetic organisms from algae to flowering plants; 2) examine more closely the cells, tissues, and organs that make up a plant; 3) have students become more aware of plantlife that is around them. Three hours lecture, two hours lab.

Credits: 4.00

Prerequisite BIO 101, 102

BIO 211 Classical Genetics
Classical Genetics: Mendelian inheritance, the cellular basis of heredity, linkage and chromosome mapping. Molecular Genetics: the structure of chromosomes, DNA replication, gene expression, gene regulation, mutation and repair. Human Genetics: pedigrees, inherited diseases, the human genome project.

Credits: 5.00

Prerequisite: BIO 101, 102

Equivalency: BIO211/313

BIO 214 Comparative Morphology of the Vertebrates
Evolution of the chordates with emphasis on comparative anatomical, physiological and developmental aspects of vertebrate organ systems.

Credits: 4.00

Prerequisite: BIO 101, 102

Offered in the Fall Semester

BIO 225 Environmental Science II: Environmental Geology
This course is an introductory geology course that will be a study of earth systems in relation to human activities. Earth materials as well as earth processes such as plate tectonics, biological cycles, and ocean-atmospheric systems will be studied in relation to natural disasters, consumption of resources, agriculture, climate change, pollution, waste management and other environmentally related topics. This course, in conjunction with Environmental Science I, may be used to fulfill the second of two science courses required for the core curriculum. This course can also serve as a prerequisite to three upper-level Biology courses: ecology, evolution, and Biodiversity (BIO 201); Introduction to Botany (BIO 206); and Ecology (BIO 314).

Credits: 4.00

Prerequisite: BIO 125

Offered in the Spring Semester

BIO 238 Human Anatomy and Physiology 1
An in-depth study of the anatomy and physiology of the human body. Topics will include the structure of genes and their relation to proteins and the architecture of single cells and tissues. The organization of the skeletal, muscular, and nervous systems will also be covered.

Credits: 4.00

Prerequisites: BIO 101, 102

Equivalency: BIO138/104
BIO 239 Human Anatomy and Physiology 2
An in-depth study of the physiology of the human body. Topics will include the endocrine, immune, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Emphasis will be given to exploring the human body in health and pathology through unifying concepts such as homeostasis and the reflex arc.
Credits: 4.00
Prerequisites: BIO 101, 102, 238
Equivalency: BIO139/105

BIO 270 Evolution
An investigation of the history, processes and theories of biological evolution. Emphasis will be placed on evidence provided by paleontology, comparative morphology, molecular biology, developmental biology, ecology and biogeography. The overriding theme of the course will be to examine evolution as the unifying concept that integrates all of biology. The beginning of the course will focus on the important evolutionary mechanisms at the population level with particular emphasis on the Hardy-Weinberg equilibrium, natural selection and genetic drift. The course will then examine the process of speciation through analysis of species concepts and contemporary examples. The course will conclude with a discussion of the mechanisms of macroevolution and phylogenetic systematics. An accompanying laboratory will allow for a first hand opportunity to collect and analyze data used in the inference of evolutionary relationships. 2 hours lecture and 4 hours of laboratory per week.
Credits: 4.00
Prerequisite: BIO 101, 102 & Mth 115

BIO 314 Ecology
An introduction to ecology and field biology. Major areas to be covered include the ecosystem and the community, aquatic and terrestrial habitats, population ecology, conservation and resource management. Much of the laboratory work will consist of field trips to selected, diverse habitats in the metropolitan area.
Credits: 4.00
Prerequisite: Bio 101,102 & Chm 109, 110

BIO 316 Microbiology
An introduction to the study of microorganisms and immunology. Special consideration to immunity, serology, disease-producing microorganisms, antibiotics and chemotherapy, transduction and transformation. Specific topics include definition and relationships of antigens and antibodies, host-antigen interactions, bursal and thymal influences on lymphoid cells, and humoral and cellular response mechanisms.

BIO 320 Oceanography
A detailed description of the world’s oceans. Topics to be included are physical, chemical and biological phenomena in the oceans. Special emphasis will be placed on the neritic environment.
Credits: 3.00
Prerequisites: Bio 101, 102

BIO 330 Developmental Biology
An introduction to biological development, from the formation of the egg, through embryonic development, to sex determination and reproduction. Special topics such as plant development, aging, and the evolution of developmental mechanisms will be included. Classical experiments in embryology will complement modern research on molecular developmental mechanisms, and the use of model organisms (mice, frogs, chickens, fish, flies, worms, plants) will be stressed. Two hours lecture 4 hours of lab per week.
Credits: 5.00
Prerequisite BIO 330: BIO 211, 399

BIO 399 Cell Biology
A study of cell structure and function, with an emphasis on eukaryotic structures. Topics will include membranes, organelles, the cytoskeleton, cell signaling, the cell cycle, and cancer. Key experiments will be discussed.
Credits: 3.00

BIO 402 Histology
A detailed study of the micro and ultramicroscopic anatomy of the fundamental tissues and organs of the mammalian body, including their functional and biomedical importance.
Credits: 4.00
Prerequisite: BIO 211, 399

BIO 403 Principles of Toxicology
The goal of the course is to introduce students to the principles of toxicology that pertain to human health and the environment. Course content will include a survey of toxic chemicals, health effects of toxic agents, principles of absorption and the chemical and biological factors that affect toxicity. Applied disciplines of toxicology, such as ecotoxicology, mutagenesis, reproductive and developmental toxicology will also be discussed.
BIO 406 Neurobiology

This course introduces students to the biology of the nervous system and its relationship to behavior and disease. The course covers topics ranging from neuronal structure and function, communication at the synapse, membrane receptors and intracellular signaling systems, to the gross organization of the brain. Various diseases and their effects on the brain will also be studied. The laboratory component includes an introduction to the various methods used in neurobiological research and demonstrates concepts and principles presented in lecture. The first part of the course entails structured laboratory experiments to provide experience with neuroanatomical (gross and cellular), neurophysiological and molecular biological approaches to studying neural organization and function. During this portion of the course, students learn to prepare laboratory reports in the style of a scientific research paper. The course concludes with a research project that extends over a period of several weeks culminating in the production of a final research paper. Three hours of lecture and four hours of laboratory per week.

Credits: 3.00
Prerequisite: BIO 101, 102, CHM 209, 210
Offered in the Fall Semester

BIO 410 Introduction to Pharmacology

This course is an introduction into the field of pharmacology, the study of chemicals on living organisms. In this course, a survey will be conducted of the variety and types of drugs (natural and synthetic, legal and illegal) that are available to the human population. Drugs that affect the central nervous, endocrine, and cardiovascular systems, in addition to those that are used to combat cancer and other diseases will be covered in this course. Emphasis will be placed on mechanism of drug action and its effects on human biochemistry and physiology. Drug design and development, as used by the pharmaceutical industry, will also be studied.

Credits: 3.00
Prerequisite: CHM 210

BIO 419 Biochemistry: Proteins and Metabolism

This course is a one-semester intensive biochemistry course designed for biology majors who are planning to continue their education in pre-professional or graduate school. The course will begin with a thorough investigation into the structure, function, and regulation of proteins, including the amino acids that make up proteins. Particular emphasis will be placed on enzymes and their kinetics and catalysis. The course will then delve into the structure of carbohydrates and lipids and finally into their metabolism. Principles such as acid/base relations and bioenergetics will be covered during this course and emphasis will be placed on how the three macromolecules participate together in the living cell.

Credits: 3.00
Prerequisite: BIO 211 and BIO 399
Offered in the Fall Semester

BIO 420 Biochemistry Laboratory

A laboratory course devoted to the study of the biochemistry and physiology of living systems. Utilizes the methods of spectrophotometry, chromatography, polarimetry, electrophoresis, radioisotope methodology and other modern techniques.

Credits: 2.00
Prerequisite: CHM 210
Equivalency: CHMBIO420 LAB 1
Offered in the Fall Semester

BIO 430 Microbial Ecology

A detailed description of the role of microorganisms in environmental phenomena. Included will be a discussion of the marine, freshwater and terrestrial environment. Special emphasis will be placed on algae and bacteria.

Credits: 4.00
Prerequisites: BIO 314, 316
Offered in the Spring Semester

BIO 440 Research 1

Open to a limited number of selected students evaluated in consonance with their qualifications and research interests.

Credits: 2.00
Department Consent Required.
Prerequisite BIO 211, 316
Offered in Fall & Spring

BIO 441 Research 2

Open to a limited number of selected students evaluated in consonance with their qualifications and research interests.

Credits: 2.00
Department Consent Required.
Prerequisite BIO 211, 316
Offered in Fall & Spring

BIO 444 Human Genetics

Human Genetics will present the basic principles of classical and molecular genetics, and their application to humans. In keeping with current trends in genetic research, the course will focus on the biomedical application of genetics. The biological and biochemical basis of human genetic traits, both normal and pathological, will be discussed.
addition, selected issues of current interest will be covered, such as genetic engineering, the genetics of cancer, the human genome project, and ethical issues raised by current progress in biomedical genetics. The course will presume a thorough grounding in the basic principles of genetics and cell biology.

Credits: 3.00
Prerequisite: BIO 211 & 399

**BIO 445 Internship in Biology**
Student participation in an off-campus, supervised work experience related to biology with regular reporting to an assigned faculty member. Written and oral reports relating this work experience to the student's course of studies will be submitted.

Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

**BIO 446 Internship in Biology**
Student participation in an off-campus, supervised work experience related to biology with regular reporting to an assigned faculty member. Written and oral reports relating this work experience to the student's course of studies will be submitted.

Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

**BIO 450 Seminar**
An introduction to biological literature with reports on recent topics and advances in research. The survey and integration of courses will be emphasized.

Credits: 2.00
Prerequisite: Senior Standing
Offered in Fall & Spring Open to Seniors Only Capstone Course

**BIO 480 Molecular Biology**
A fusion of genetics, cell biology, biochemistry, and information theory. Molecular Biology will examine living systems at a subcellular level with a focus on proteins and nucleic acids. Review of biochemical logic of life and prokaryotic molecular genetics; discussion of the techniques of molecular biology, including the use of computers in genomic research and molecular visualization; cellular regulation in eukaryotes, including both genetic and signal transduction mechanisms; advanced topics in eukaryotic mechanisms; advanced topics in eukaryotic molecular biology: cancer, viruses, the immune system, developmental mechanisms.

Credits: 3.00
Prerequisites: BIO 101, 102, 211, 399
Corequisite: BIO 481
Offered in the Fall Semester

**BIO 481 Molecular Biology Lab**
An integrated laboratory experience including the analysis of genes and proteins, techniques in genetic engineering, the genetic manipulation of living cells, and the analysis of gene regulation. Four hours of lab per week

Credits: 2.00
Prerequisites: BIO 102, 103, 211; CHM 109,110
Corequisite: BIO 480
Offered in the Fall Semester

**BIO 490 Special Topics in Modern Biology**
Course involves lectures, readings, and classroom discussion of selected topics in biology. These courses are designed as intensive study opportunities in areas of specialization not covered in depth by existing courses.

Credits: 3.00
Prerequisites: BIO 211 and 399
Offered in Fall & Spring

**BUSINESS**

**BUS 100 Introduction to Business**
This course provides an overview of the fundamentals of business, providing students an integrated perspective of the business environment. The course is organized into six modules beginning with an introductory section that will cover ethics, global dimensions and economic environment. The remaining five modules will cover each of the functional areas of business: management, marketing, finance, accounting and reporting, and information management. Each module examines the basic concepts and key issues with the intention of helping students to identify an area of interest for their major and to plan their career. There will be an emphasis on self assessment, communication skills and teamwork. Not open to students who have taken IDS 110.

Credits: 3.00
BUS 100 Antirequisite: Not open to students who have taken IDS 110
Offered in the Fall Semester Not Liberal Arts

**BUS 130 The Legal Environment of Business**
An introduction to the American legal system and its relationship to the modern business environment, including an examination of basic legal concepts, principles and government regulations - emphasizing relevant areas in constitutional law, antitrust law, international law, administrative agency law, environmental law, consumer protection law, criminal law, tort law, employment law, and contract law.

Credits: 3.00
Offered in Fall & Spring Not Liberal Arts
BUS 140 Law of Agency, Business Organizations, Commercial Paper/Sales
An intensive study of the law of agency; the law of business organizations - including their nature, creation, management, and termination and on the rights and liabilities of owners and officers; the law of commercial paper - including its nature, negotiability, transfer, and discharge, and the liabilities and rights of parties; and the law of sales - including sales contracts, related risks and transfer of title.
Credits: 3.00
Offered in Fall & Spring Not Liberal Arts

BUS 150 Management Information Systems
Developing and using Management Information Systems (MIS) effectively requires an understanding of the business organization, management, and information technology. The overall objective of this course is to expose the student to the full range of management issues raised by information technology. MIS applications development is discussed, encompassing information resource planning, systems analysis, design, and implementation. Students will gain an understanding of business concepts and develop skills in solving management problems using software.
Credits: 3.00
Equivalency: BUS3050/BUS300
Offered in Fall & Spring Not Liberal Arts

BUS 201 Principles of Financial Accounting
An introduction to the nature and purpose of accounting; the content, classification and preparation of financial statements; the procedures and records used in the recording of business transactions; the nature, measurement and analysis of assets, liabilities, stockholders’ equity, revenues, expenses and cash flows.
Credits: 3.00
Equivalency: BUS101/201

BUS 202 Principles of Managerial Accounting
An introduction to the role of accounting in an organization; the classification, behavior, estimation, accumulation, assignment and reporting of costs; the use of accounting data for analyzing, planning and controlling operations, evaluating performance and as a basis for managerial decision making.
Credits: 3.00
Prerequisite: BUS 201
Offered in Fall & Spring Not Liberal Arts

BUS 210 Statistics
An introduction to the method and techniques of statistical inference, including sampling distribution, estimation, hypothesis testing, correlation, simple and multiple regression, and index numbers.
Credits: 3.00
Prerequisite: MTH 134 or equivalent
Equivalency: BUS210/MTH270
Offered in Fall & Spring

BUS 220 Principles of Management
An introduction to the needs and values of formal organizations and individuals, and group dynamics as they relate to decision making in the organization. The objective of the course is to provide insights into the underlying principles and approaches employed in effective organizations.
Credits: 3.00
Prerequisite: Sophomore Standing
Equivalency: BUS 220 / 310 / 3010
Offered in Fall & Spring Not Liberal Arts

BUS 230 Principles of Finance
The course covers the basic principles of finance such as the time value of money, return, risk, valuation, and diversification, and provides a detailed introduction to the factors in financial decision making, financial services institutions, financial assets, the structure and operation of financial markets, the valuation of financial assets, and key financial management functions.
Credits: 3.00
Prerequisites: BUS 201, MTH 134 or equivalent, or approval of Department Chair. Sophomore standing required.
Equivalency: BUS3030/BUS330
Offered in Fall & Spring Not Liberal Arts

BUS 240 Principles of Marketing
An introduction to the nature, purpose and functions of marketing. The course will review the activities and decisions involved in directing the flow of need-satisfying products and services to consumers. Topics include strategic and marketing planning, marketing research, the marketing environment, consumer behavior, market segmentation, product development, pricing, promotion, distribution, and international marketing.
Credits: 3.00
Prerequisite: Sophomore Standing
Offered in Fall & Spring Not Liberal Arts

BUS 290 Special Topics in Business
These courses are designed to offer a study opportunity in an area of specialization not covered in great depth by existing courses. Courses involving lectures, readings, and classroom discussion of selected topics in business. The courses may be used for independent study as needed. Specific topic and prerequisite to be indicated when offered. Permission of departmental adviser.
Credits: 3.00
Department Consent Required.

BUS 320 Production and Operations Management
This course will introduce the student to the basic approaches, tools, and techniques useful in the management of production systems of both goods
and services. The major production configurations are discussed, i.e., projects, job shops, and flow shops. Emphasis is given to the complexities in both designing and operating the production system.

Credits: 3.00
Prerequisite: BUS 210 or equivalent
Equivalency: BUS320/BUS3020
Offered in Fall & Spring Not Liberal Arts

BUS 410 The Role of Business in Contemporary American Society
This course examines the nature and important implications of the increasingly complex set of relationships among business, government, and society. Topics for analysis and discussion include corporate social responsibility, business ethics, government regulations and the role of government in a market economy, corporate governance, employee relations and labor unions, consumerism and product liability, environmentalism and economic growth, and the international dimensions of business.

Credits: 3.00
Prerequisite: Senior Standing
Equivalency: BUS4010/BUS410
Offered in Fall & Spring Open to Seniors Only Not Liberal Arts

BUS 465 Business Internship II
Students are placed in a public or private business organization under the direct supervision of an executive of the organization. Students meet with a faculty member to plan, execute and discuss the internship related issues and findings of the project.

Pass/Fail
Credits: 1.00
Department Consent Required.
Prerequisites: Senior status, permission of department chair, previously completed one of the following courses: FIN 465, IS 465, MNG-465, or MKT 465.
Not Liberal Arts

BUS 470 Business Policy and Strategy
The management of large-scale enterprises is approached from an interfunctional, general management perspective, focusing on the formulation, development and implementation of the overall goals and strategies of an enterprise under conditions of uncertainty. This capstone course provides an integrative experience designed to apply the knowledge and skills developed in earlier coursework in the functional business areas and requires students to present and defend orally and in writing, solutions to simulated real world problems concerned with the overall management of an enterprise.

Credits: 3.00
Prerequisites: All 100, 200, and 300 level business core courses must be completed prior to taking this course, and senior status.

Equivalency: BUS4070/BUS470
Offered in Fall & Spring Open to Seniors Only Not Liberal Arts

BUS 3020 Operations Management
This course will introduce the student to the fundamental role played by operations management in business organizations. The basic approaches, tools and techniques useful in the management of production and operations systems in both the manufacturing and service sectors will be covered. Emphasis is given to the complexities in both designing and operating the production and operations system.

Credits: 4.00
Prerequisites BUS 2110 OR 210
Equivalency: BUS320/BUS3020
Not Liberal Arts

BUSINESS ECONOMICS

BEC 325. Dimensions of International Business
A business perspective on the complexities of operating in a global business environment. After a general overview of the major environmental factors affecting the global marketplace, the course focuses on the business decision making of international business activities. Topics include cultural, social and economic factors of this environment, followed by business decision issues on global expansion, international strategies, crossborder alliances, organizational forms, international financial management, international marketing, and international human resource management.

Credits: 3.00
Prerequisite: ECO 202
Offered in Fall & Spring Not Liberal Arts

BEC 390 Special Topics in International Business and Economics
A study of current and emerging business issues and topics prevalent world wide. A survey of international business and economic perspectives integrating the historical, political, and financial ramifications experienced by countries, governments and cultures around the globe. Topical readings, research, discussions and presentations of selected authors, works and case studies.

Credits: 3.00
Department Consent Required.

BEC 455 Issues in the European Union and How They Affect the USA
This course is offered in Europe by the Hagan School of Business, as part of its Study Abroad Program. It is based on a combination of lectures, research, and personal experiential learning. The lectures from the European Community (EC) cover the following general areas: historical/political background; the EC
today, including component parts - budget, policies, and development; EC/US relations; monetary systems; trade positions; and wider social/economic dimensions of change for Europe after 1992.

Credits: 3.00
Department Consent Required.
Offered When Needed Not Liberal Arts

BEC 461 Independent Study
Directed independent study on specialized topics of economic interest. Department Consent Required.
Credits: 1.00
Offered When Needed

BEC 463 Independent Study
Directed independent study on specialized topics of economic interest.
Credits: 3.00
Department Consent Required.
Offered When Needed Not Liberal Arts

BUSINESS LAW

BLW 200 Contemporary Issues: Practical Law in Everyday Life
An introduction to various problems and transactions which are encountered by most, or all of us, at one time or another. Topics include divorce, child custody, accident cases, vehicle and traffic violations, criminal charges, real estate transactions, bankruptcy, and other general topics.
Credits: 3.00
Offered When Needed Not Liberal Arts

BLW 300 Introduction to Law and the Legal System
A study of the role of law in society, legal institutions and the legal process in the American judicial system; an examination of the judicial decision making process, focusing on legal reasoning and the influence of various social forces; an overview of the law of torts and criminal and contract.
Credits: 3.00
Offered When Needed Not Liberal Arts

BLW 302 Current Issues in Immigration Law (Service Learning)
The purpose of this course is to introduce the student to the basic issues underlying U.S. immigration law. Topics covered will include the history of immigration law; the law relating to naturalization, deportation, and exclusion procedures; and the legal issues concerning refugees, asylum seekers, illegal immigrants, and undocumented workers. In addition, each student will be required to do field work with an organization concerned with immigration issues.
Credits: 3.00
Offered When Needed Not Liberal Arts

BLW 401 Property, Security Devices, Estates, Trusts, Bankruptcy
A study of the legal aspects of real and personal property, including bailments, the ownership and transfer of deeds, leases, and mortgages; secured transactions under the Uniform Commercial Code; insurance and suretyship; the creation, nature and kinds of trusts, wills, and estates; and bankruptcy proceedings, rights and duties, administration and discharge.
Credits: 3.00
Offered in the Spring Semester Not Liberal Arts

BLW 410 Sports Law
This course covers various legal issues affecting amateur and professional sports. It focuses on the regulation of interscholastic, intercollegiate, and Olympic sports as well as the application of antitrust, labor, contract, tort, and agency law to the business of professional sports.
Credits: 3.00
Prerequisite: BUS 130 and 140 or approval of the professor.
Not Liberal Arts

BLW 413 Employment Law
A comprehensive introduction to the area of employment law. Consideration will be given to the rights and responsibilities of employers and employees throughout the employment relationship. Topics to be discussed will include common law and statutory foundations of employment law, the hiring process, terms and conditions of employment, and the termination of the employment relationship.
Credits: 3.00
Not Liberal Arts

BLW 415 International Law and Business
This course provides an introduction to different aspects of public and private international law as they relate to business. Among the topics covered are international law and international organizations, the conflict of laws, comparative law, and international economic regulation.
Credits: 3.00
Prerequisite: BUS 130 & BUS 140 or permission of instructor
Offered in the Fall Semester Not Liberal Arts

BLW 490 Special Topics in Business Law
An introduction to the law and the legal system as applied to the world of professional and amateur sports. The course involves the study and review of a variety of legal doctrines (and their applications) to professional and amateur sports organizations, which includes the review and discussion of the rights and responsibilities of professional/amateur athletes as well as the many business opportunities that arise between a sports organization and its
participating athletes such as sponsorships, licensing, endorsements and the media.
Credits: 3.00
Prequisite for BLW 490: BUS 130 or BUS 140

CHEMISTRY

CHM 101 Introduction to Chemistry
Introduction to Chemistry is a one-semester introductory course designed to help students understand the basic concepts of chemistry and master the skills necessary to succeed in the General Chemistry sequence, CHM 109-110. This course is designed for students who did not study Chemistry in high school or are not prepared for General Chemistry. The course will provide an introduction to chemical principles. Topics may include measurement in chemistry, atomic structure, periodic table, bonding, nomenclature, balancing chemical equations, calculations using chemical equations, and acid/base chemistry. The course includes a writing and communications requirement that relates the topics covered to a broad historical and social context. This course counts toward a general college elective, not as a chemistry elective. Decision to take CHM 101 will be determined in consultation with the academic advisor. Two lecture hours and two hours of laboratory a week for one semester.
Credits: 3.00
Prerequisite: MTH 135
Offered in the Summer Offered in the Spring Semester

CHM 109 General Chemistry 1
The fundamental principles of chemistry in the lecture and laboratory: the mole concept, stoichiometry, solution gas laws, thermodynamics, periodic law, electronic structure of the atom, molecular structure, chemical bonding, molecular forces, colligative properties, kinetics, acid/base theories, equilibrium reactions involving acids, bases and salts, electrochemistry, nuclear and coordination chemistry and chemical principles applied to the study of the descriptive chemistry elements. The laboratory work involves experimental application and practice of principles learned in class. Three lectures, one recitation hour and three hours of laboratory a week for two semesters.
Credits: 5.00
Prerequisite: CHM 109
Equivalency: cHM 209/217
Offered in the Fall Semester

CHM 110 General Chemistry 2
The fundamental principles of chemistry in the lecture and laboratory: the mole concept, stoichiometry, solution gas laws, thermodynamics, periodic law, electronic structure of the atom, molecular structure, chemical bonding, molecular forces, colligative properties, kinetics, acid/base theories,
detection, identification, and quantification of samples of matter. Topics include statistics of analytical chemistry, qualitative and quantitative analysis with examples from classical methods of gravimetric and volumetric analysis, concepts of acid base, redox, precipitation, electrochemical behavior, titrimetric, spectrophotometric, and chromatographic analysis. The laboratory experiments are composed of several mini projects, which are aimed to provide an organized principle more efficiently to the students. The sequence of laboratories is organized to deal with more interesting real world samples with biological and environmental perspective. This course is designed for both students majoring in chemistry and non chemistry disciplines such as the biological and environmental sciences.

Credits: 3.00
Prerequisite: CHM 110

**CHM 309 Physical Chemistry 1**
Solids, liquids and gases; solutions of non-electrolytes; elementary thermodynamics; kinetics; homogeneous equilibrium; solutions of electrolytes; conductance; electromotive force; deviations from ideal behavior; thermochemistry; heterogeneous equilibrium and the Phase Rule, introductory statistical mechanics, modern theories of atomic and molecular structure.

Credits: 3.00
Prerequisites: Chm 109, 110, Phy 101, 102, and Mth 232
Offered in the Fall Semester

**CHM 310 Physical Chemistry 2**
Solids, liquids and gases; solutions of non-electrolytes; elementary thermodynamics; kinetics; homogeneous equilibrium; solutions of electrolytes; conductance; electromotive force; deviations from ideal behavior; thermochemistry; heterogeneous equilibrium and the Phase Rule, introductory statistical mechanics, modern theories of atomic and molecular structure.

Credits: 3.00
Prerequisites: Chm 109, 110, Phy 101, 102 and Mth 232
Offered in the Spring Semester

**CHM 311 Physical Chemistry Lab 1**
Physical chemical measurements and determinations.

Credits: 2.00
Corequisite: CHM 309
Offered in the Fall Semester

**CHM 312 Physical Chemistry Lab 2**
Physical chemical measurements and determinations.

Credits: 2.00
Corequisite: Chm 310
Offered in the Spring Semester

**CHM 320 Chemical Synthesis Laboratory**
A survey of selected techniques employed in the synthesis of organic, inorganic and organometallic compounds, natural products and polymers. This course in preparative methods also includes physical and analytical methods associated with the isolation and characterization of the target compounds.

Credits: 2.00
Prerequisite CHM 110

**CHM 321 Biochemistry I**
This course is the first part of a detailed examination of biomolecules, the interactions among such moieties, and consideration of primary metabolic pathways. Biochemistry I is an introduction to the chemistry of living cells and consequently focuses upon subject matter in biochemistry, organic chemistry (as it relates directly to biological systems), and structural biology. Emphasis is placed initially upon protein structure and enzyme kinetics. This course will also lay the theoretical groundwork for Biochemistry II, in which there will be a detailed examination of nucleic acids and how small molecules are used endogenously by living systems in both metabolic and catabolic pathways.

Credits: 3.00
Prerequisites: CHM 209 and CHM 210, and Corequisite CHM 420
Offered in the Fall Semester

**CHM 322 Instrumental Analysis**
Theory and application of instrumental methods of quantitative and qualitative analyses with emphasis on electrolytic, optical, and chromatographic techniques.

Credits: 3.00
Prerequisite: CHM 222
Offered in the Spring Semester

**CHM 327 Inorganic and Bioinorganic Chemistry**
A foundational course in the concepts and chemical systems of inorganic chemistry with particular emphasis on the roles of metals in biochemistry. Topics may include origin of the elements, nuclear chemistry, chemical periodicity, descriptive chemistry of the elements, simple bonding models, ionic and crystalline solids, coordination chemistry, crystal field theory, ligand substitution reactions, electron transfer reactions, and select applications to the subfield of bioinorganic chemistry.

Credits: 3.00
Prerequisite: CHM 109-110 or permission of department chair
Offered in the Fall Semester
**CHM 400 Nanoscience**
This course introduces the chemistry of nanoscale systems and the properties of materials at the nanoscale dimension to advanced undergraduates in the physical sciences. Topics may include: theory and application of characterization and fabrication methods/instrumentation, bonding and structure in bulk materials and at surfaces, physical chemistry of nanoscale materials (quantum theory and thermodynamics), carbon nanomaterials, supramolecular chemistry, polymers, synthesis/functionization methods, and nanoscience in biological systems. The course will also address the technological and social issues associated with nanoscience and its applications.
Credits: 3.00
Prerequisite: CHM 309 or Permission of Department Chair
Offered in the Spring Semester

**CHM 401 Advanced Organic Chemistry**
Organic Chemistry is the study of the structure and reactivity of the compounds of carbon.
Credits: 3.00
Prerequisite: CHM 210

**CHM 409 Computational Chemistry**
Computational chemistry is a hands-on, virtual exploration of chemical structure, spectroscopy, equilibrium and reactivity through computer models. Physical chemistry concepts and modern computational methods will be used in this course as a means to understand and predict experimental results.
Credits: 3.00
Prerequisites: CHM 309-310 Physical Chemistry sequence

**CHM 417 Inorganic Chemistry 1**
A detailed theoretical introduction to the concepts and chemical systems of inorganic chemistry, including the periodic law, atomic structure, bonding, coordination compounds, acid and base theory, reaction mechanism, and factors affecting chemical activity.
Credits: 3.00
Prerequisite: Chm 309, 310
Offered in the Fall Semester

**CHM 420 Biochemistry Laboratory**
See department chairperson for schedule. Laboratory course devoted to the study of the biochemistry and physiology of living systems; utilizes the methods of spectrophotometry, chromatography, polarimetry, electrophoresis, radioisotope methodology and other modern techniques.
Credits: 2.00
Prerequisite: CHM 210
Equivalency: CHMBIO420 LAB 1
Offered in the Fall Semester

**CHM 422 Biochemistry 2**
A study of the relationship between the three-dimensional configuration of proteins and their mechanism of action. Areas of concentration include enzymes; blood proteins; muscle, nervous and connective tissues; hormones; and antigen-antibody interactions. Course of study also includes protein synthesis and the central position proteins hold in the architecture and functioning of living matter.
Credits: 3.00
Prerequisite: CHM 321
Equivalency: BIO/CHM422
Offered in the Spring Semester

**CHM 425 Chemical Safety**
This course focuses on safety, health, and ethical issues as they relate to the teaching and safe operation of a chemistry laboratory. The course provides safety training in various aspects of chemistry laboratory work from the perspective of conducting a grade/high school laboratory, including experiment selection and evaluation, awareness of laboratory hazards, personal protection and dress, rules of behavior, use of MSDS, chemical purchase and storage, incompatibilities and waste removal considerations, safety inspections audits, record keeping, and emergency response. The course will also be suitable for students planning to pursue careers in an industrial laboratory setting. The course provides for a venue for student practice, and testing of learned material and for evaluation of students’ performance.
Credits: 2.00
Prerequisites: Junior/Senior standing and completion of CHM 109-110 and CHM 209-210.

**CHM 427 Advanced Inorganic Chemistry**
A detailed and advanced theoretical examination of the concepts and chemical systems of inorganic chemistry including atomic structure, bonding theory, periodic law, symmetry and group theory, acid-base theory, molecular orbital theory, reaction mechanism and factors affecting chemical activity, the crystalline and solid state. Coordination chemistry and chemistry of the elements are also examined based on previous background course work.
Credits: 3.00
Prerequisites: CHM 309-310, CHM 327
Offered in the Spring Semester

**CHM 430 Internship in Chemistry**
Student participation in an off-campus, supervised work experience related to chemistry with regular reporting to an assigned faculty member. Written report relating this work experience to the student’s course of studies will normally be expected.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring
CHM 441 Research 1
Research under the supervision of a faculty member. Open only to a limited number of selected students. Credits: 2.00
Department Consent Required. Prerequisites: CHM 310, 322 Offered in the Fall Semester

CHM 442 Research 2
Research under the supervision of a faculty member. Open only to a limited number of selected students. Credits: 2.00
Prerequisite: Chm 310 & 322 Offered When Needed

CHM 450 Seminar
An integration of the fundamental principles of the major courses through the survey of selected topics in which the use of periodicals and abstracts in research will be stressed. Presentations will be made by each student. Credits: 2.00
Prerequisite Senior Status Offered in the Spring Semester Open to Seniors Only

COMPUTER SCIENCE

CS 140. Computers, Technology and Society
This course will provide students with a firm foundation in computers and technology and enable them to become intelligent, ethical and responsible users of technology. Students will explore the various aspects of computer systems to develop a comprehensive understanding of how computers operate as well as an appreciation of their pervasive influence on society. This course will lay the basis for further study in computer science. Not for major credit. Weekly Laboratory. Special Fee required. Credits: 3.00
Equivalency: CS 140 / 100-C
Weekly Laboratory Not for Major Credit Offered Fall, Spring & Summer

CS 201 Computer Science I
This course provides an introduction to problem solving, data representation, algorithm design, programming and application. Programs requiring a variety of control structures and data structures will be assigned for computer solutions. Ethical and social issues relating to computing will be discussed. Weekly laboratory. Credits: 4.00
Offered in Fall & Spring Weekly Laboratory

CS 202 Computer Science II
This course provides an introduction to advanced programming techniques, data structuring and encapsulation techniques. Emphasis will be placed on modern design principles. The use of these principles to achieve clarity and ease of de-bugging is required in the programming assignments. Ethical and social issues relating to computing will be discussed. Weekly Lab. Formerly CIS 256. Credits: 4.00
Prerequisite: CS 201 or equivalent
Offered in Fall & Spring Weekly Laboratory

CS 231 Programming in a UNIX Environment
This course provides an introduction to the fundamentals of the UNIX operating system. Students will be provided instruction in the C programming language with emphasis towards scientific applications. In addition, instruction in an object oriented language such as C++ will be provided. These programming experiences will provide valuable experience in utilizing the UNIX operating system. Two hours of lecture and two hours of laboratory will be provided each week. The laboratory time will consist of one hour in a scheduled, supervised environment and the other in an open, unsupervised period. Credits: 3.00
Prerequisite: CS 202

CS 262 Website Design
This course will introduce the student to the fundamentals concepts of the Internet and website development and design. Topics include HTTP protocol, client-server relationship, mark-up languages, browsers, dynamic web page development, and user interface design. Assignments will require programming in languages that support web application development. Not for Major Credit Credits: 3.00
Prerequisite: CS 140 or equivalent
Offered in the Spring Semester

CS 263 Web Programming
This course will cover the creation of both static and dynamic web pages and the use of advanced style sheets with an introduction to server side programming. The emphasis will be on the creation of interactive and dynamic web pages through the use of a scripting language. Client side validation of data entry, security and performance issues will be covered as well as an introduction to database access. Web-based programming assignments will be an integral component of this course. May not be used for major credit. Credits: 3.00
Prerequisite: CS 262
Equivalency: CS 262/272/442
Not for Major Credit
CS 301 Data Structures and Algorithm Analysis
A study of abstract data types such as stacks, queues, lists, trees and graphs and of the design of data structures and algorithms to implement them. The use of these data structures to design solutions to problems will be emphasized. 
Credits: 3.00
Prerequisite: CS 202 & Corequisite Mth 163 or Mth 310
Offered in Fall & Spring Weekly Laboratory

CS 311 Computer Organization and Assembly Language
An introduction to the organization, logic design, components and architecture of digital computers. Topics covered will include basic digital circuits; the design of basic computer elements such as counters, adders and decoders; processor, memory and I/O system organization; and introduction to parallel and pipeline processing, and assembly-language programming. Weekly Lab. Formerly CIS 331.
Credits: 4.00
Prerequisite: CS 201
Offered in the Spring Semester Weekly Laboratory

CS 315 Software Security
The security of a software system should be part of every phase of the software development cycle: design, development, testing, deployment, provisioning, and execution. This course provides students with a broad familiarity with security concepts pertaining to software development. Students gain hands-on skills applying these concepts in actual software development. Students learn how to use existing software security APIs when writing software. A number of databases security issues are also discussed. In addition, students learn about threats that malicious software or hackers can inject into vulnerable software, and become familiar with testing tools used by software developers to close vulnerabilities. The course also provides an overview of cryptography and network security. 
Credits: 3.00
Prerequisite: CS 301
Offered in the Fall Semester

CS 321 Database Organization and Design
This course deals with the design, implementation and use of computer databases. Topics include: database architecture, database design process, database models, normalization, relational and object oriented database systems, physical data organization, data definition languages, data manipulation languages, database implementation, legacy databases. Weekly Lab. Formerly CIS 360.
Credits: 3.00
Prerequisite: CS 202
Weekly Laboratory Offered in the Fall Semester

CS 331 Programming Languages
A study of the design and organization of higher-level programming languages: processing, datatypes and data flow, control structures, program units, storage management, binding strategies, language design criteria, and formal language definition. 
Credits: 3.00
Prerequisite: CS 301
Weekly Laboratory Offered Fall Semester Alt Yrs

CS 361 Artificial Intelligence
Using computer algorithms and programs as tools, and focusing on the notion of an intelligent agent, this course will explore such topics as problem solving using uniformed and heuristic search, reasoning process and logic, machine perception, learning and communication and philosophical foundations. 
Credits: 3.00
Prerequisite: CS 301
Offered When Needed

CS 362 Web Site Administration
This course develops techniques and programming skills needed to run and administer a dynamic website. The course covers the means to save data to and retrieve data from a data store through a client-based dynamic web page. Students create dynamic web pages of increasing complexity, which are programmed on the server side. 
Credits: 3.00
Prerequisite: CS 262
Equivalency: CS 274/362/443
Not for Major Credit

CS 363 Database Programming and Web Access
This course introduces students to programming and accessing dynamic data stores on the Web. Basic database concepts are discussed along with SQL programming. Client programming for accessing and editing a server-side database using scripting and dynamic access are considered. The concept of postback and manipulation of a data store in real-time is emphasized along with client/server programming, data integrity and data security. Students are expected to construct and access server-side databases using dynamic web pages. May not be used for major credit. 
Credits: 3.00
Not for Major Credit

CS 365 Data Mining
This course will introduce popular data mining methods for extracting knowledge from data. It will cover the principles of data mining methods, but also provide to students hands-on experience in developing data mining solutions to scientific and business problems. Topics include: knowledge representation, data
processing, machine learning and statistical methods (association mining, classification and prediction using Bayesian learning, decision trees, instance-based learning, support vector machines, neural networks, genetic algorithms, cluster analysis), evaluation of the performance and meta-learning algorithms. Ethical implications of data mining applications are considered. Applications are drawn from a variety of real life examples from different areas.

Credits: 3.00
Prerequisite: CS 301 and MTH 270 or 432
Offered Spring Semester Alt Yr

CS 371 Concepts of Data Communications
This course is an introduction to the analysis, design and evaluation of data communications networks. Topics include hardware used in data communications, modes of transmission, multiplexing, polling and multipoint line control, protocols, cost analysis, communications software packages, and network architecture. Formerly CIS 320.

Credits: 3.00
Prerequisite: CS 201
Equivalency: CIS320/420
Offered in the Fall Semester

CS 401 Algorithms for Computational Science
This course provides an introduction to algorithms and their application in Computational Science. The main objective of the course is to develop students’ algorithmic thinking and problem solving skills by exploring and implementing algorithms that are used in solutions to a variety of problems of modern significance in Bioinformatics, Molecular Biology, Computational Chemistry and Physics, Astronomy and other areas of Computational Science.

Credits: 3.00
Prerequisite: CS 301

CS 408 Automata and Formal Languages
An introduction to the theory of computation, emphasizing finite automata and regular languages. Additional topics to be discussed are pushdown automata and context-free languages, and an introduction to Turing Machines and unsolvability.

Credits: 3.00
Prerequisite CS 301,Mth163 or 310
Equivalency: CS/MTH408

CS 409 Cryptography
This course introduces the theory and application of cryptography – a fundamental area of Computer Science and Mathematics at the core of modern software and hardware security. The course covers a range of cryptographic topics and algorithms along with the mathematical background necessary to be able to argue formally about their complexity, efficiency, and correctness. The course has a strong hands-on component which helps students better understand how cryptography algorithms are designed, implemented and embedded in modern software and hardware. Students are expected to implement some of the algorithms discussed and be able to argue formally about their complexity, efficiency, and correctness. Students also learn to implement secure software by reusing cryptographic APIs already implemented in most well known programming platforms.

Credits: 3.00
Prerequisites: CS 301, CS 315 and MTH 310
Offered in the Spring Semester

CS 411 Computer Architecture
This course presents a detailed study of efficient processor design and the integration of a processor into a computer system so that performance and cost are optimized. Advanced processor implementation techniques such as pipelining and superscaler operation along with their cost/performance trade-offs are discussed. The structure and operation of the memory hierarchy, memory design approaches, and the mutual impact of processor, compiler, and operation system designs will be considered.

Credits: 3.00
Prerequisite: CS 311

CS 421 Advanced Organization and Implementation of Database Systems
Study of problems and techniques involved in the design and implementation of database systems. Topics include physical design consideration, performance analysis for database systems, recovery techniques, reorganization problems, logical design, query languages for relational databases, and issues in design of distributed data base systems. Formerly CIS 465.

Credits: 3.00
Prerequisite: CS 321
Offered Fall Semester Alt Yrs

CS 422 Database Security
Database security has a great impact on the design of today’s information systems. This course will provide an overview of database security concepts and techniques and discuss new directions of database security. The topics will cover database security principles, database application security models, access control, database and data auditing, SQL injection, database inference and security of distributed databases.

Credits: 3.00
Prerequisites: CS 315 and CS 321
Offered in the Spring Semester
CS 431 Compiler Design
Principles and techniques of language translation: finite automata and lexical analysis, parsing of context-free languages, symbol tables, storage administration, error diagnosis, introductory optimization and code generation techniques. Formerly CIS 410.
Credits: 3.00
Prerequisite: CS 311, 331
Offered Spring Semester Alt Yr

CS 444 Web Applications Development
This course provides an in-depth introduction to the design, implementation, testing, and deployment of web applications. The course covers both client-side and server-side software development using a variety of markup, scripting, and programming languages and techniques. Interfacing to a database, deployment on an Apache server, and multi-browser support are also discussed. Special emphasis is placed on user-interface design and software efficiency. A number of projects will be assigned throughout the semester to reinforce the material covered during lectures.
Credits: 3.00
Prerequisite: CS 301
Offered in the Spring Semester

CS 446 Computer Graphics
This course presents the fundamental components of 3D graphics pipeline. Topics include 2-D and 3-D geometrical transformations; raster algorithms; hidden surface removal, projection and viewing, lighting and shading, texture mapping and ray tracing. This course is based on the programming language of C/CC++ and OpenGL.
Credits: 3.00
Prerequisite: CS 301 & Mth 163 or 310
Offered When Needed

CS 448 Digital Image Processing
As images are ubiquitous in modern science, such as medicine and military defense, this course introduces students to fundamentals in image processing. The topics covered include image representation, image formation, image enhancement in both spatial and frequency domains, and morphological image processing with the focus on two-dimensional grayscale images. Basics in linear algebra will be covered for understanding of image representation and manipulation, and Matlab will be introduced as the programming tool for implementation of the mathematics. In addition to regular homework assignments, students will be exposed to the literature in image processing, and implement a technique published in the recent literature for the final project assignment. This course will lay the basis for study in image understanding and computer vision.
Credits: 3.00
Offered Spring Semester Alt Yr

CS 451 Operating Systems
This course presents the fundamental concepts of the operating system technology. Topics include program implementation, computer organization, data and storage structures, different types of operating systems and their structure (job control, storage allocation, supervisors, etc.). Assignments include simulation of small operating systems that will be programmed on a large machine, or mini/micro computer. Formerly CIS 470.
Credits: 3.00
Prerequisite: CS 301, 311
Offered in the Fall Semester

CS 452 Advanced Concepts in Operating Systems
The course examines the internal structure and implementation details of one or more modern operating systems. Various algorithms and data structures involved in scheduling, memory management, input-output and secondary storage management are discussed, and their interdependence and interaction is emphasized. The implementation of system calls for use in system programming and administration is also considered.
Credits: 3.00
Prerequisite: CS 451
Offered Spring Semester Alt Yr

CS 464 Parallel and Distributed Computing
Distributed and Parallel Processing has established itself as one of the most important and fast-growing areas of Computer Science and Engineering. The need for Parallel Computing permeates all areas of modern scientific investigation -- from DNA and protein analysis, to weather prediction, to astronomy and astrophysics research, etc. Almost all modern application software implements some forms of parallelism such as multithreading or SPMD computation. Modern hardware is designed to take advantage of the great performance enhancement inherent in parallel processing, and to accommodate the parallel execution of software. This course is intended as an introduction to the vast field of Parallel and Distributed Computing. We will discuss the advantages and limitations of parallel computing, examine applications that greatly benefit from the availability of parallel processing hardware and environments, and discuss some modern trends in parallel hardware and software development. Along the way, we will learn to write shared-memory multithreaded applications and SPMD programs for distributed memory parallel computer systems.
Credits: 3.00
Prerequisites: CS 301 and CS 311
CS 472 Web Application Security
The course introduces vulnerabilities of Web applications. To understand Web application security, it is first necessary to understand how to exploit Web application vulnerabilities. The main focus of the course is, therefore, to learn the tasks and techniques needed to break into Web applications by exploiting those vulnerabilities. This course will teach students, in a very practical way, how to discover, exploit and prevent security flaws in today's Web applications. The main challenge is that Web applications are written using a variety of languages: HTML, CSS and JavaScript on the client, and Java or PHP on the server. This course will explain language-specific vulnerabilities on both the client and the server side.
Credits: 3.00
Prerequisite: CS 301 or equivalent
Offered When Needed

CS 473 Mobile Applications Development
This course provides an in-depth introduction to the design, implementation, testing and deployment of mobile applications on a variety of modern mobile platforms such as Apple iPhones, iPads, and Android phones and tablets. The course will introduce students to the Apple and/or Android Software Development Kits. The course will enhance the students’ object-oriented design and programming skills and introduce them to the Objective-C programming language. Students will also become proficient in the use of the various tools for designing, testing, and optimizing the developed software.
Credits: 3.00
Offered in Alternate Years

CS 474 Mobile Application Security
We live in the era of mobile computing. Mobile devices have more sensors and more capabilities than desktop computers. For any computing device that contains sensitive information and access the Internet, security is a major concern for both enterprises and end users. The Mobile Security course will show students the security problems that developers and IT managers need to look for when developing and deploying mobile applications and the solutions to those problems on some of the most popular mobile platforms, such as Apple’s iOS and Google’s Android. Therefore, this course will prepare students for real-life problems and situations by giving them not only an overview of security issues and possible attacks related to mobile devices and an in-depth analysis of those issues, but also the knowledge of how to develop mobile applications more securely and how to keep mobile devices secure.
Credits: 3.00
Prerequisite: CS 301
Offered When Needed

CS 476 Local Area Networks
This course is a study of LAN components and LAN technology, including topologies, communications media, interfacing equipment, hardware and software. Students will be introduced to topics such as network architecture, LAN interconnect, network management and LAN performance.
Credits: 3.00
Prerequisite: CS 301, 371
Offered in the Spring Semester

CS 477 Network Security
This course familiarizes students with various attacks and threats that can take place in a computer network, such as port scanning, sniffing, network mapping, DoS, etc. The course presents several secure networking and wireless protocols such as PGP, TLS, HTTPS, IPsec. The course also introduces students to operational security concepts such as firewalls and intrusion-detection systems. Furthermore, this course discusses various issues related to all aspects of security in high-speed networks, and presents different solutions to those issues, which can affect the architecture and/or the implementation of a network system. This is a hands-on course: Students are required to complete a lab project that includes secure network programming. Furthermore, this course gives students an opportunity to learn how to use tools and penetration-testing methodologies commonly adopted by ethical hackers.
Credits: 3.00
Prerequisites: Cs 315 and CS 476
Offered in the Spring Semester

CS 481 Software Project Development: Design
This course is the first part of the 2-course series on software project development. The focus of the course will be on the design of the system. It will involve a study of software development cycles and techniques necessary in the creation of large software systems. The following techniques will be emphasized: user requirements elicitation, object-oriented class analysis and design, testing strategies and structured system evaluation, and project management. As an essential part of this course, students work in teams in the organization, management and development of a large software project.
Credits: 3.00
Department Consent Required.
Prerequisite: CS 301 and permission of department
Offered in the Fall Semester

CS 482 Software Project Development: Implementation
This course is the second part of the 2-course series on software project development. The focus of the course will be on the implementation of the system
designed in CS 481. Students will be encouraged to explore efficient algorithms and robust programming techniques in order to meet the user requirements of the system in the allotted time frame. Completion of the 2-course series will provide students with a solid understanding of large-scale software design and development in a team environment.

Credits: 3.00  
Prerequisite: CS 481  
Offered in the Spring Semester Capstone Course

**CS 490 Independent Study**  
By special permission, students with an average of ‘B’ or better in computer science courses, and a demonstrated ability and need, may undertake independent work in a subject area not covered by any of the listed courses. Their work will be under the supervision of a member of the department.

Credits: 1.00  
Department Consent Required.  
Prerequisite: CS 301  
Offered When Needed

**CS 491 Special Topics in CS**  
Each course will study topics of current interest in computer science. Specific topics and prerequisite will be announced in advance.

Credits: 3.00  
Prerequisite: CS 301  
Offered When Needed

**CS 492 Special Topics**  
Each course will study topics of current interest in computer science.

Credits: 3.00

**CS 493 Special Topics**  
This course will study topics of current interest in computer science. Specific topics and additional prerequisites will be announced in advance.

Credits: 3.00  
Prerequisite: CS 301

**CS 498 Computer Science Internship**  
The course provides students with an opportunity to work in the private or public sector, in an area directly related to computer science. Students write reports about their work and meet with a designated faculty member. Formerly CIS 450.

Credits: 3.00  
Department Consent Required.  
Prerequisite: CS 301 and 3.0 or higher  
Offered in the Spring Semester

**CS1110 Computing Today**  
This course will introduce the student to computer technology and the practical use of computers. The course will present introductory concepts dealing with computer architecture, computer organization, and a basic understanding of networking and data communication. The practical use of computing will be presented through the use of various applications packages such as word processing, spreadsheets, graphics and database management software. Ethical and social issues relating to computing and the Internet will be discussed.

Credits: 4.00  
Undergraduate Trimester Programs

**CS2001 Introduction to Programming**  
This course will introduce the concepts of problem solving and programming, data types, declarations, scope and classes, and the use of structured programming techniques. The concept of developing and writing event-driven programs will be studied together with an analysis of objects, properties, methods and events. The student will learn the types of controls and objects and their use in the construction of event-driven programs. The topics covered will include the use of forms, dialogs and menus, data access and control, the development of error checking routines, working with variables and procedures, and the debugging of programs. Students will write programs that implement the concepts covered in the course.

Credits: 4.00  
Undergraduate Trimester Programs

**CS2010 Introduction to the Internet and Web Page Design**  
This course will introduce the concepts of Computer Networks, with a particular emphasis on the Internet. The World Wide Web and its technologies will be examined. A major focus will be the presentation of techniques and tools for designing and developing effective web pages employing sound design principles. Students will develop web pages utilizing (X)HTML and professional web authoring tools.

In addition to classroom instruction, this course will incorporate hands-on laboratory work on campus and through distance learning delivery.

Credits: 4.00  
Undergraduate Trimester Programs

**CS2011 Web Development with Dream Weaver**  
This course will develop the basic concepts of website design and development using a web authoring tool, Macromedia’s Dreamweaver. Advanced web design features will be presented. Emphasis will be placed on XHTML and the introduction and in depth coverage of Cascading Style Sheet (CSS). Criteria for maintaining a well-organized website both from the client’s view and the server’s view will be presented and stressed. Issues of website accessibility will be presented. In addition to classroom instruction, this
CS2012 Web Development with Javascript
This course will introduce the concepts of dynamic web pages and HTML. The student will be introduced to client-site programming utilizing Javascript. The fundamental features of this programming language will be presented. The techniques that web authors use to develop web pages containing dynamic content will be taught. The topics will include developing active user interfaces, validation of web form data, manipulation of graphic content, and detection of browser type and plugins. The browser’s Document Object Model will be discussed as it pertains to client-side programming. Students will develop web pages and write programs that implement the concepts covered in this course. In addition to classroom instruction, this course will incorporate hands-on laboratory work on campus and through distance learning delivery.
Credits: 4.00
Prerequisite: CS 2010

CS2013 Web Development with Database Access
This course will introduce the concepts of dynamic web pages and server-sided scripting. The student will be introduced to server-side programming utilizing VBScript and ASP technology. The fundamental features of this programming language will be presented. The techniques that web authors use to develop web pages containing dynamic content will be taught. A treatment of how data can be exchanged between client application and web server will be presented. Students will be introduced to the data sharing support of XML. Web page interaction with a server’s database will be explored. This interaction will be supported by Access databases and ASP scripts. Topics concerning database construction, database access and security will be examined and studied in detail. Students will develop substantial web applications, writing programs that implement the concepts covered in this course. In addition to classroom instruction, this course will incorporate hands-on laboratory work on campus and through distance learning delivery.
Credits: 4.00
Prerequisites: CS 2010 and CS 2111

CS2020 Fundamentals of Data Communications
This course is an introduction to data communications theory and implementation. Topics will include digital and analog communication, communication hardware, data communication protocols, modes and transmission media, modulation and multiplexing, and basic network architecture. The ISO/OSI Reference Model will be studied in depth as a basis for understanding data communication theory and network implementation and operation.
Credits: 4.00

CS3001 Introduction to Networking
This course will introduce the student to the fundamental principles of networking. The course will emphasize the hardware, software, protocols and media that make local and wide area networking possible. The various networking standards will be studied with a particular emphasis in the ISO/OSI Reference Model, and the application and function of each layer as it applies to data networks. The terminology, protocols, topology, media types and addressing will be studied so that the students will have the essential networking foundation to undertake advance study.
Credits: 4.00
Undergraduate Trimester Programs

CS3005 Advanced Networking
This course will cover advanced concepts in both Wide Area and Local Area Networks. Building upon the topic covered in the introductory course, this course will cover in depth the configuration, implementation and operation of Ethernet networks with particular attention to the specifications for each IEEE 802.3 standard. Frame Relay, Cell Relay together with the SONET standards will be covered as well as the development and implementation of Broadband network technologies. The implementation of these various technology and their interrelationship will be covered.
Credits: 4.00
Prerequisite: CS 3001

CS3010 TCP/IP Protocol Suite
This course will examine in detail the TCP/IP Protocol Suite. The various specific protocols that form this protocol suite such as IP, ICMP, TCP, Telnet, FTP, SNMP, DHCP, etc. and the functions and services they provide will be discussed. Naming and addressing conventions, routing and network configuration will be studied together with the process of using TCP/IP in an internet environment. This course will further examine the differences between IPv4 and IPv6 and the process of updating a network to IPv6 and the implications of converting to IPv6.
Credits: 4.00
Prerequisite: CS 3005

CS3015 Network Operating Systems
This course will cover basic operating system theory and principles as they apply to network operating systems. Using Windows Server and the UNIX
Operating System as examples, the course will examine Network File Systems, directory organization, user management, security and connectivity issues. Communication protocols, such as TCP/IP and naming and addressing requirements will be studied in the context of creating an operational network environment. Students will be expected to setup, configure and operate a functional LAN internet, establish connectivity, and configure security.

Credits: 4.00
Prerequisite: CS 3001

CS4010 Fundamentals of DNS
The Network Domain System is the foundation upon which the Internet and Data Communication Networks are based. This course will examine the theory and implementation of name resolution. With an emphasis on DNS, students will study names and addressing in an internet and the resolution process of mapping a name to an address. The design, implementation and configuration of a naming system will be covered.

Credits: 4.00
Prerequisite: CS 3010 and CS 4005

CS4020 Routing in an Internet
This course will study routed and routing protocols. Through an examination of the various interior and exterior routing protocols, the student will learn how routers perform path determination, how individual routing protocol operates, and how routing tables are constructed. Basic inter-networking concepts will be discussed together with design principles to provide interconnectivity between and within Autonomous Systems.

Credits: 4.00
Prerequisites: CS 3005 and CS 3010

CS4025 Wireless Networking
This course will cover wireless networking with a concentration on wireless LANs. The emphasis will be on the 802.11 and Wi-Fi standards. Basic RF and antenna theory, frequencies, wireless protocols, and service tests will be covered. Implementing and integrating a wireless LAN into a networking environment will be studied. Security consideration and access control policies will be covered.

Credits: 4.00
Prerequisite: CS 3005

CS4045 Network Administration
This course will present the processes and procedures for managing and administering computer neworks in an inter-networking environment. This course will cover the major areas of responsibilities of a network administrator and the skills and knowledge base that are required to administer data communication networks. It will consider management responses to new technologies and the need to maintain up-to-date and responsive systems in an evolving user environment.

Credits: 4.00

CS4050 Network Troubleshooting
This course will study the knowledge, methods and skills required for maintaining and diagnosing Data Communication Networks. Through the use of hardware and software tools, the students will learn how to analyze network performance and how to detect and correct network anomalies. Special emphasis will be given to developing procedures and creating thresholds, both to anticipate network problems and to stabilize networks when problems do occur. Security and disaster recovery issues will also be covered, as well as protocols such as SNMP.

Credits: 4.00

CRIMINAL JUSTICE

CRJ 205 Introduction to Criminal Justice
A description and analysis of the criminal justice system which will include a review of the organization, operation, procedures, goals and objectives of the police, the courts, and the corrections system.

Credits: 3.00
Offered in Fall & Spring

CRJ 305 Substantive Criminal Law
A comprehensive analysis of the substantive criminal law. The historical development of laws and rules prohibiting specific conduct under pain of punishment will be studied, tracing the earliest stages of common law up to and including the codification of current criminal laws. Elements of various crimes, defenses for unlawful conduct, criminal responsibility, and statutory and common law crimes will be examined in depth.

Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair
Offered in the Spring Semester

CRJ 310 Criminal Investigation
A comprehensive analysis of the various investigative techniques employed in the course of modern criminal investigation. Topics include the theory and methodology of criminal investigation, as well as the legal ramifications of particular techniques, such as eavesdropping and surveillance.

Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair
Offered in the Spring Semester

CRJ 317 Evidence and Procedure Law
An in-depth analysis of the rules of criminal evidence and procedure. The process of the American criminal justice system will be examined and special emphasis will be placed on constitutional limitations in the areas of criminal evidence and the law of search and seizure.
CRJ 320 Corrections
This course provides a traditional overview of the corrections system including the historical development of the social control of human behavior in our society. Students will come to understand how correctional institutions implement the incarceration of offenders -- how it functions for society and shapes our culture. An analysis on major issues confronting corrections including sentencing strategies, prisoner management, prison gangs, the inmate subculture and violence, prisoner re-entry and the reintegration of special-type offenders back into society will be examined.
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair
Equivalency: CRJ2107/317
Offered in the Fall Semester

CRJ 325 Critical Issues in Policing
This course entails a comprehensive analysis of critical issues affecting policing in society and the interaction of the police within the context of addressing major trends in crime control and law enforcement in modern American society. The historical development of police agencies and policing strategies will be studied, tracing the earliest stages of the policing theory and the changing role of the police in society and the society of the police. Special topics include emerging and evolving police practices regarding women and children as victims and offenders, as well as topics involving special police investigative actions and techniques (such as pattern homicide and sex offender cases) will be examined in depth.
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 330 Criminal Justice Criminology
An introduction to the phenomenon of crime and the mechanisms which society has devised to handle those who are charged with crimes. Analysis of interdisciplinary issues within the field of criminology and the various existing theoretical perspectives. The course will provide a general survey of the nature and causes of crime and the efforts of the criminal justice system to predict, prevent, modify, and correct this behavior. The extent of criminal behavior is reviewed as well as its implications and effects on the criminal justice system.
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair
Equivalency: CRJ 330 / SOC 407

CRJ 340 Probation and Parole
The objectives of this course will focus on the theoretical and practical perceptions of the community correctional field. This system operates within the borders of the criminal justice system and is symbiotic with all other facets of this system. “Community corrections” allow individuals who have been convicted of a crime to serve all or part of their sentence in society under a supervised living condition. This brand of justice, although a cost effective modality, often comes under harsh criticism of the political establishment, other criminal justice agencies, as well as other societal “voices.” Community corrections has its roots in a “socialized justice” model that originally allowed “young, nonviolent, first time offenders” an opportunity to assimilate back into the community and become productive members of society. Personnel in this field put into practice a philosophy known as the “TRINITY” that establishes three (3) primary goals: A) protection of the community; B) rehabilitation of the offender; and; C) enforcement of Court orders. Agents must take into account the specific needs of each offender without sacrificing the safety of the community as a whole. Ultimately, the balance between these goals and means define the role of a community correctional officer.
Credits: 3.00
Prerequisite: CRJ 205
Equivalency: CRJ220/340/2100

CRJ 350 Organized Crime
The objective of this course is to introduce students to the theories, hypothesis, and perceptions of the concept of “Organized Crime.” The media, including both and print and cinema characterized and often glorifies organized criminal figures based on fixed agendas that are a misrepresentation of the true nature of organized crime behavior. The class will study the “forefathers” of organized crime, including Carnegie, Rockefeller and Kennedy and advancing along the time frames of history, students will become familiar with how individual criminals and criminal “enterprises” have emerged over the years to form what we now know as “organized crime.” The 21st century has also seen the emergence of violent street gangs that are predicted to significantly impact the crime rate in America. In addition, the course will examine how law enforcement agencies (local, state and federal) recognize and distinguish different organized criminal activity and what proactive steps are being taken to fight this form of criminal behavior. The course will also address how our judicial system, specifically, through legislation and criminal statutes, has impacted these illegal criminal enterprises.
Credits: 3.00
Prerequisite: CRJ 205
CRJ 360 Terrorism
This course will examine the nature and background of terrorism. The historical origins of terrorism throughout the world, from the early days of eastern and western civilization, through the modern era will be presented, primarily through lectures, case studies and assigned readings. Current terrorist groups will be examined and their roots, philosophies and techniques will be explored. Additionally, the governmental response to terrorism, including legislation and both the police and military response to terrorists and terrorist acts will be examined.
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair
Equivalency: CRJ/STA 360

CRJ 391 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 392 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 393 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 394 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 395 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.

CRJ 396 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 397 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 398 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 399 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
(Specific topic to be indicated when offered).
Credits: 3.00
Prerequisite: CRJ 205 or permission of department chair

CRJ 400 Research Methods in Criminal Justice and Criminology
This course will consider the primary characteristics of scientific inquiry and how these principles are applied to the study of crime and delinquency. The central focus of the course will be how to conduct empirical research. The research process will be examined including such issues as validity, reliability, causation, and operationalization. After considering the fundamental issues of research design, various observational techniques utilized most frequently in criminal justice research will be reviewed and discussed. At the conclusion of the course, the student will produce an original research project under the direction of the instructor.
Credits: 3.00
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.
CRJ 430 Victimology
This is an overview course covering developments in the field of Victimology, including its basic concept, its subfields and role as a field of study within criminal justice. The course also deals with the analysis of new programs and trends in the criminal justice system’s response to victims, including restorative justice initiatives. Students will also learn about the emergence of special victim groups, the implications of a victim-oriented perspective for the administration of justice, the development of victim-witness service programs, and court-ordered alternatives such as victim-offender mediation and restitution.
Credits: 3.00
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.

CRJ 440 Profiling Violent Crimes
An introductory study on the topic of profiling: its basic elements; the sociological and criminogenic elements; and physical and emotional factors. The course examines the use of profiling in such violent crimes as arson, sexual assault, pedophilia, murder, and kidnapping. Profiling, as an investigative tool, will be analyzed, both the pros and cons. Students will be introduced to computer database systems used for profiling, as well as geographic profiling and crime mapping as instruments for police and federal law enforcement. Particular attention will be focused on victimology, serial offenders, and the use of profilers in the media and its effect on public opinion and attitudes.
Credits: 3.00
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.

CRJ 450 Internship in Criminal Justice
Student participation in an off-campus, supervised work experience related to criminal justice with regular reporting to an assigned faculty member. A written report relating this work experience to the student’s course of studies will be required.
Credits: 3.00
Department Consent Required.
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.
Offered in Fall & Spring

CRJ 490 Contemporary Issues in Criminal Justice
An integration of the major areas of the criminal justice system together with the interdisciplinary programs required of all criminal justice majors (political science, psychology, and sociology). This course will synthesize the concepts and theory of the various disciplines included in the criminal justice curriculum (political science, psychology, and sociology). The course will also bring together the concepts and theory of criminal justice with areas of the general Arts and Science core curriculum.
Credits: 3.00
Department Consent Required.
Prerequisite: CRJ 205. Criminal Justice major or permission of department chair required.
Offered in Fall & Spring Capstone Course

CRJ 497 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussion of selected topics in criminal justice. These courses may be used for independent study as needed.
Credits: 3.00
Prerequisite: Junior standing or permission of department chair

CRJ1107 New York Penal Law
A comprehensive analysis of the development of the New York State penal law. A consideration of the impact of the revised criminal statutes on police and court procedures. Special emphasis will be placed upon developing case law and recent legislative enactments.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: CRJ1107/207
Offered When Needed

CRJ2100 Probation and Parole: Theory and Practice
An analysis of the organization and administration of the probation and parole systems on both the local and state levels. Topics addressed will include: extra-institutional supervision of convicted offenders; pre-sentencing investigation problems; varieties of conditional release; prediction of success; and interaction with other social control agencies.
Credits: 4.00
Equivalency: CRJ220/340/2100
Offered When Needed

CRJ2107 Evidence and Procedure
A comprehensive analysis of the State and Federal rules of criminal evidence and procedure. Particular topics include: judicial notice; presumptions; the nature of real and circumstantial evidence; burden of proof; province of court and jury; documentary and physical evidence; hearsay evidence; confessions and admissions; defenses; and the use of witnesses, as they relate to criminal cases.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: CRJ2107/CRJ317
Offered in the Fall Semester
CRJ2500 Introduction to Security
A study of the historical, philosophical and legal development of 'security,' as well as the role of security and the security professional in modern society. A comprehensive presentation of the security profession; including a survey of the administrative, personnel and physical aspects of the security field. An examination of current topics confronting the security industry.
Credits: 4.00
Offered When Needed

CRJ3100 Presentation of Evidence
This course will examine the specific rules of evidence as they affect its presentation in the courtroom. Practical as well as legal aspects of preparing the evidence gathered for casework will be stressed. Materials covered will include law of search and seizure, use of technology in the courtroom, scientific evidence, presentation of witnesses, techniques of investigation, etc.
Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

CRJ3101 Public Safety Management
An appraisal of the organization and procedures within the public safety department and consideration of the principles of organization and methods adopted by progressive departments to ensure effective service to the community in the area of public safety.
Credits: 4.00
Offered When Needed

CRJ3102 Criminal Investigation
This course will concentrate specifically on the major aspects of criminal investigation and the administration of the overall investigational process and evidence collection. Specific emphasis will be placed on these processes as applied to major felonious crimes. The student will study cases in crime scene work, collection of physical evidence, and recent Federal guidelines as they affect the interrogation process and evidence collection. Students taking criminal investigation should have a background in the forensic sciences and the criminal procedure law of New York.
Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

CRJ3500 Special Topic in Criminal Justice: White Collar Crime
This course will provide the student with an awareness of illegal activities committed by non-physical means, usually through deceit. Special emphasis will be placed on such areas as offenses against property, commonly referred to as 'White Collar Crime,' organized crime, credit card fraud, computer crime, insurance and medical fraud, and specific law enforcement efforts directed against these crimes.
Credits: 4.00
Offered When Needed

CRJ3600 Terrorism
The purpose of this course is to acquaint the student with the various types of civil disorder generically classified as 'terrorism.' Special emphasis will be placed on the various political and philosophical motivations of individuals and groups involved in domestic and international terrorism.
Credits: 4.00
Offered When Needed

CRJ4500 Police and Community Relations
An analysis of the relationship between the police and the public they serve. The effect of human relations on police work will be examined. The police officer's role in modern society will be discussed, focusing on the conflict between enforcing the law and protecting individual rights and liberties.
Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

CRJ4550 Seminar: Police Personnel Administration and Supervision
The essentials of personnel management and fundamentals of supervision and leadership as applied to administration. Consideration of supervisory problems within a police/security system. Application of labor relations to effective performance. Topics include discipline, motivation, training, job classification, salary standards and promotion.
Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

CRJ4925 Juvenile Justice
This course is designed to explore the juvenile justice system on the federal, state and local levels. Some of the specific topics to be discussed and critically examined include: juvenile delinquents, PINS, the family court system, preventive detention, prison sentences, youth shelters, alternatives to incarceration, probation, community services, and the child as victim.
Credits: 4.00
Undergraduate Trimester Programs
Offered in the Fall Semester

CRJ4990 Special Topics in Criminal Justice
Courses involving lectures, readings, and classroom discussions of selected topics in criminal justice.
Credits: 4.00
Undergraduate Trimester Programs
CRJ4995 Special Topics in Criminal Justice
Courses involving lectures, readings, and classroom discussions of selected topics in criminal justice.
Credits: 4.00
Undergraduate Trimester Programs

CRJ4996 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussions of selected topics in criminal justice.
Credits: 4.00

CRJ4997 Special Topics in Criminal Justice
Courses involving lectures, readings and classroom discussions of selected topics in criminal justice.
Credits: 4.00

CROSS DISCIPLINARY STUDIES
The course descriptions listed below cover two broad areas: adult transition courses and other options that approach themes through an interdisciplinary approach, and non-traditional options such as guided independent study, video, audio and one-credit courses that do not follow regularly scheduled class meetings.

CDS 100-E. Liberal Arts Elective
Liberal Arts Elective transfer credits
Credits: 3.00

CDS1101 Contemporary Political Issues
This course traces the historical origin of contemporary “trouble spots” in the international community. The roots and present day implications of both Western and Non-Western political issues will be examined. (Ex. Poland, Ireland, El Salvador, Lebanon).
Credits: 1.00
Equivalency: CDS/IDS1101
Weekend Intensive Offered When Needed

CDS1105 Parenting
An examination of the parental experience. Included for discussion will be historical and contemporary social trends; effective communication and discipline; and problem solving. The course will include both theoretical and practical approaches to issues of parenting.
Credits: 1.00
Equivalency: CDS1105/IDS1105
Weekend Intensive Offered When Needed

CDS1109 Careers: How, What, Why and When?
An overview of how to develop one’s career. Emphasis will be placed on the student’s values, interests and skills. Resumes, cover letters, interviewing skills and other tools of the job search will be discussed.
Credits: 1.00
Equivalency: CDS/IDS1109
Weekend Intensive Offered When Needed

CDS1111 Human Sexuality: Fact and Fallacy
A course dealing with myths and realities about human sexuality. The following topics will be explored: anatomy and psychology, conception and birth, gender roles, sexual behavior, marriage, love, coercive sexual behavior, and sexually transmitted diseases.
Credits: 1.00
Equivalency: CDS/IDS1111
Weekend Intensive Offered in the Fall Semester

CDS1115 Crisis in the Middle East: Historical and Political Perspectives
This course will examine the historical and contemporary situation in the middle east region. Topics include the crisis in Lebanon, Arab-Israeli relations, and American and Soviet policies in the region. The impact this region has on international politics, including Soviet-American relations, will also be explored.
Credits: 1.00
Equivalency: CDS/IDS1115
Weekend Intensive Offered When Needed

CDS1117 Person to Person: Small Group Interaction
We are always communicating and operating in group situations: dyads, families, committees, managerial teams, athletic teams, departments, etc. Using a family systems approach, this course will explore how our current behavior, verbal and non-verbal, is directly influenced by our first and primary group experience i.e., your families of origin. Students should come to class with available pictures of themselves and their families of origin.
Credits: 1.00
Equivalency: CDS/IDS1117
Weekend Intensive Offered When Needed

CDS1124 How to Read a Film
Whereas from infancy we are taught how to read words, our visual literacy is often neglected. This situation needs to be rectified in a society that sees more movies than it reads books. This study of film’s ‘grammar’ gives us a better understanding of how film messages are conveyed and an awareness of how film techniques can influence our perceptions.
Credits: 1.00
Equivalency: CDS/IDS1124
Weekend Intensive Offered When Needed

CDS1125 Exercise Physiology
This course will review the effects of exercise on overall health. Topics will include the effects of weight training, calisthenics, and aerobic exercises. In-class demonstrations of various exercise activities will be performed. (Weekend intensive)
Credits: 1.00
Equivalency: CDS/IDS1125
Weekend Intensive Offered When Needed
CDS1132 Sports Sociology through Film
Sports films provide an interesting area for students to examine the relationship between sports and American society. By analyzing sports films students will see parallels between problems in sports, and problems in the larger society. (Weekend intensive)
Credits: 1.00
Equivalency: CDS/IDS1132
Weekend Intensive Offered in the Fall Semester

CDS1139 Freelance Journalism
This course explores the field of freelance journalism as a secondary career or part-time occupation. Basics of research, writing, copy preparation and editing are imparted through hands-on exercises and case studies. Techniques of marketing one's writing are also discussed.
Credits: 1.00
Equivalency: CDS/IDS1139
Weekend Intensive Offered When Needed

CDS1148 Victims
This course identifies the needs of victims of child abuse, domestic violence, rape, and mugging. Among topics to be discussed in this course are the effects on the victims, counseling techniques for victims, existing precautionary measures, and the criminal/abuser.
Credits: 1.00
Equivalency: CDS/IDS1148
Weekend Intensive Offered in the Fall Semester

CDS1154 Intercultural Awareness: Practical Applications
This course is designed to make individuals more aware of intercultural differences and to provide strategies for adapting to living, working, and traveling abroad. The course will be conducted as an intercultural workshop in which concepts and issues will be explored through the use of simulations, role-playing, critical incidents and other experiential exercises.
Credits: 1.00
Equivalency: CDS/IDS1154
Weekend Intensive Offered When Needed

CDS1158 Aids and Society
This course will analyze many of the psycho-social issues that surround the issue of AIDS. These will be discussed in the context of moral and religious values, myths and phobias, and public policy. The impact of AIDS on both individuals and society will be explored.
Credits: 1.00
Equivalency: CDS1158/HEA4201/IDS1158
Weekend Intensive Offered in the Fall Semester

CDS1159 The Vietnam Experience
This course traces the history of U.S. involvement in Vietnam from the early post-World War II period to the collapse of the Vietnamese government. Special emphasis is placed on the changing U.S. role in Vietnam during the Kennedy, Johnson, and Nixon administrations.
Credits: 1.00
Equivalency: CDS/IDS1159
Weekend Intensive Offered in the Fall Semester

CDS1161 Library Information Systems: Principles and Procedures
Accessing information systems is an important part of an undergraduate education. This course will prepare the student to develop research strategies necessary for college assignments and life-long learning. The course will enable students to gain expertise in the use of online catalogues, periodicals, indices and abstracts, and basic reference works in the various disciplines.
Credits: 1.00
Equivalency: CDS/IDS1161
Weekend Intensive Offered When Needed

CDS1166 The Holocaust
The Holocaust will be examined through the literatures of history and other social and behavioral sciences, biographies, novels and film.
Credits: 1.00
Weekend Intensive Offered When Needed

CDS1173 Introduction to Law
This course is designed to provide the undergraduate student with a realistic exposure to the study of law. Through the simulation of a typical first-year law school classroom situation and individual assignments, students will develop a fundamental understanding of legal reasoning, research and analysis. The major focus will be upon case law and statutory analysis, substantive law, legal research and writing. 1 credit, weekend intensive.
Credits: 1.00
Weekend Intensive

CDS1174 Communication Disorders
This course provides an overview of communication disorders, and explores the impact of such disorders on education, employment and interpersonal relationships. Through lecture, discussion and the use of media, students will become familiar with disorders such as hearing impairment, stuttering, aphasia, cleft palate, voice disorders, language delay and laryngectomy. The professions of Speech-Language Pathology and Audiology will also be described; academic requirements, clinical practica and scope of practice will be outlined.
Credits: 1.00
Weekend Intensive Offered When Needed
CDS1177 Probability and Casinos
An exposition of the fundamentals of the theory of probability through the exploration of several popular casino games. Topics to be covered include counting, probability, odds, mathematical expectation, discrete probability distributions and game theory.
Credits: 1.00
Weekend Intensive Offered When Needed

CDS1179 Sociology of Jazz
This course emphasizes listening as well as sociological skills. It is important to recognize the manner in which jazz musicians use sound to construct their symbols in order to explore the sociological aspects of jazz. This course offers examples from different eras in jazz history via audio and video tapes as well as the presentations of live musicians.
Credits: 1.00
Weekend Intensive Offered in the Fall Semester

CDS1183 The Biology of Human Aging
Aging: Why, how, and what can we do about it? This course will review the phenomena associated with human aging at the anatomic, physiologic, cellular and molecular levels and will explore the current understanding of the underlying mechanisms for age-related biological changes. The course will include lecture, Internet-based reading assignments, online streaming audio listening assignments, and class discussions.
Credits: 1.00
Offered in the Fall Semester

CDS1184 Developmental Disabilities
This one credit course will introduce students to the field of developmental disabilities (DD). The broad range of DD diagnoses will be explored (e.g., autism, mental retardation, cerebral palsy, epilepsy etc.), and relevant support and service systems will be examined. Students will be introduced to the theoretical concepts of person-centered planning, self-advocacy, family support and the contemporary guiding principles of independence, productivity, inclusion, self-determination and integration.
Credits: 1.00

CDS1196 Special Topics
Occasionally topics of particular current interest will be offered through the one-credit, intensive weekend format.
Credits: 1.00

CDS1197 Special Topics
Occasionally topics of particular current interest will be offered through the two-credit format.
Credits: 2.00

CDS1198 Special Topics
Occasionally topics of particular current interest will be offered through the three-credit format.
Credits: 3.00

CDS1199 Special Topics
Topical course of particular current interest offered as needed which may be taught in a one to four credit format at the discretion of the professor(s) and as warranted by the topic(s) covered. Please see the individual course syllabi for further information about the particular course.
Credits: 4.00

CDS2220 Transformations of Myth through Time
A video course. This course explores how myths reconcile human beings to the mysteries of life. How have they changed throughout history from culture to culture? In this video course Joseph Campbell, the noted scholar, teacher, author and storyteller, explores the origins and meanings of the world's mythologies, folktales and religions. 13 one-hour video programs.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: CSD2220/IDS2220
Offered When Needed

CDS2900 Ethics in America
A video course, ‘Ethics in America’ focuses on such contemporary ethical conflicts as the ethics of corporate take-overs, ethical standards for public service, the balance between the public’s right to know and the individual’s right to privacy, and issues such as AIDS, the homeless and child abuse. Case studies are presented to help analyze and reflect upon ethical dilemmas and to understand the process for ethical decision-making.
Credits: 4.00
Equivalency: CDS/IDS2900
Offered When Needed

CDS3040 Learning and Career Development in Adulthood
An exploration into the basic effects of vocational selection: the student will be assisted in developing practical, meaningful and realistic insights into the nature of making a career choice in today's world. Special emphasis will be placed on the relevancy of a college education and the application of certain academic majors to specific and general career areas. The student will be exposed to those activities and procedures required to become academically or technically proficient in a particular skill and learn how entry into employment is facilitated.
Credits: 4.00
Equivalency: CDS3040/PSY3040
Offered When Needed
CDS3120 Life-Experience Seminar
The purpose of this seminar is to assist students with the organization and development of their life experience portfolios. The basic theoretical and philosophical background of the concept of life experience credentialing will be explored. Lectures and group discussions will focus on the process and content of the portfolio by identifying prior learning experiences, describing learning outcomes that are college creditable and relating those experiences and outcomes to the student’s personal, educational and career goals. Each student will be assigned an advisor who will be available for assistance with the preparation of the portfolio.
Credits: 2.00
Department Consent Required.
Undergraduate Trimester Programs
Equivalency: CDS3120/IDS3120
Offered in Fall & Spring

CDS3400 Family Portrait
This course looks at the dramatic social changes straining and shifting traditional patterns of family relationships. Using the tools of analysis of both psychology and sociology, “Family Portrait” looks at marriage, the family and the alternative lifestyles in contemporary America. The course offers both new ideas and traditional theories. Personal awareness, growth, and satisfaction in interpersonal relations are also stressed.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: CDS2400/SOC325/3312/IDS2400
Offered in the Spring Semester

DRUG AND ALCOHOL ABUSE STUDIES

DAA 3001. Introduction to Drug and Alcohol Abuse Studies
A study of the biological, psychological and sociological aspects of drug and alcohol abuse and addiction. An emphasis on the psycho-pharmacology of commonly abused substances, the disease concept of chemical dependency and an overview of substance abuse problems in the family, school and industry.
Credits: 4.00
Equivalency: DAA/HEC3001
Offered in the Fall Semester

DAA3011 Assessment, Referral and Treatment Methods
A study of the process of appraisal and evaluation of the chemical abuser and his/her family in order to determine the patient's needs. Emphasis will be placed on understanding behavioral and medical symptoms of drug and alcohol abuse and addiction and the tools needed to make the appropriate treatment referral.
Credits: 4.00
Prerequisite: DAA 3001 or permission of instructor
Equivalency: DAA3011/PSY3011
Offered in the Fall Semester

DAA3023 Drug and Alcohol Abuse Counseling with Family
An investigation of the alcoholic and drug abusing family system, and the cumulative crisis in the family resulting from addiction. Emphasis will be placed on co-dependency, the characteristics of Children and Adult Children of Alcoholics (COA/ACOA) and other chemical abusers, prevalent treatment approaches and the role of self-help programs.
Credits: 4.00
Prerequisite: DAA 3001 or PSY 3001 or HEC 3001 or permission of instructor
Equivalency: DAA3023/PSY3023
Offered When Needed

DAA3031 Drug and Alcohol Abuse Counseling
Application of counseling approaches, including treatment planning, setting goals and objectives, the therapeutic interview, the process of recovery and relapse counseling, to the drug and alcohol abuse situation.
Credits: 4.00
Prerequisite: DAA 3001 or permission of instructor
Equivalency: DAA3031/PSY3031
Offered When Needed

DAA3220 Psychology of Drug Habituation and Addiction
Behavioral effects of sedative hypnotic compounds, stimulants, convulsants, anti-psychotic agents, psychedelics, hallucinogens, alcohol, tobacco, caffeine, and other drugs of psychological influence will be examined. Consideration will be given to attitudes toward drugs, theories of drug addiction and treatment. Methods of therapy will be discussed. Comparisons will be made with use of other methods for behavioral change.
Credits: 4.00
Prerequisite: DAA/PSY 3001
Offered in the Fall Semester

DAA3400 Employee Assistance Program
This course explores the history and changing models of employee assistance programs focusing on the impaired employee with drug and alcohol abuse and dependency problems, and personal and employment based difficulties that interfere with work performance. Students will learn about employee training, modes of intervention, supervisory and union participation, and the use of community and professional resources.
Credits: 4.00
Prerequisite: DAA/PSY 3001
Equivalency: DAA3400/PSY3400
Offered When Needed
ECONOMICS

ECO 100 Economics for Today
An introductory investigation into the components of capitalistic market economies and the current state of the aggregate U.S. economic system. An analysis of market demand, supply, pricing, profit, maximization, monetary, fiscal, and Federal Reserve policies and their effect on GDP growth, unemployment, inflation, interest rates, the budget deficit, and national debt. Credits: 3.00
Not open to students who have taken ECO 201 or 202
Offered in Fall & Spring

ECO 201 Basic Microeconomic Analysis
An investigation into the components of capitalistic market economies. An analysis of market demand, supply, pricing, and production dynamics, consumer theory, producer optimization, profit maximization in differing market structures, business regulation, wage and employment levels, unions, and income inequality.
Credits: 3.00
Equivalency: ECO1101/ECO201/ECO202
Offered in Fall & Spring

ECO 202 Basic Macroeconomics Analysis
An analysis of the U.S. and other macroeconomies. Topics covered include unemployment and inflation, gross domestic product, money and banking, the Federal Reserve and monetary policy, fiscal policy, budget deficits and the national debt, international trade and the international monetary system.
Credits: 3.00
Offered in Fall & Spring

ECO 300 Comparative Economic Growth and Development
An analysis of diverse global economic areas, applying basic analytical tools to explore the pathways for growth. The course will examine key issues in political economy including north-south relations, urbanization, trade, health, critical institutions and globalization.
Credits: 3.00
Prerequisite: ECO 100 or 201
Offered When Needed

ECO 301 Economics of Labor
An analysis, both theoretical and empirical, of labor market dynamics, wage setting and employment determination. Specific topics to be analyzed include labor force trends, education and training, wage and employment setting at the company level, unions, discrimination, labor productivity and real wages, government policy, and technological change.
Credits: 3.00
Prerequisite: ECO 201
Equivalency: ECO301/3010
Offered in Fall & Spring

ECO 308 Economics of Money and Banking
An analysis of money, commercial banking and central banking with concentration on policy implementation by the Federal Reserve System and resultant economic impacts both nationally and internationally.
Credits: 3.00
Prerequisite: ECO 202
Equivalency: ECO4102/ECO308/FIN329

ECO 309 Statistics for Economists
An introduction to the analytical and decision-making techniques of statistics specifically applied to the discipline of economics by case study and example. The course also introduces model-building techniques and prepares the student to begin the study of econometrics.
Credits: 3.00
Prerequisites: ECO 201, 202
Offered in Fall & Spring

ECO 310 Econometrics
A laboratory approach to economics which presents methods for quantitative testing of socio-economic theories. The course focuses on the multiple regression model and covers hypothesis testing and forecasting. In addition to the classical regression model, the course will examine qualitative choice and simultaneous equations models. The course will utilize computerized statistical programs extensively.
Credits: 3.00
Prerequisite: ECO 309
Equivalency: ECO4102/ECO308/FIN329

ECO 315 Intermediate Microeconomic Analysis
A study of consumer demand, costs of production, market structure, resource allocation, equilibrium analysis and welfare economics.
Credits: 3.00
Prerequisites: ECO 201 and MTH 134 or MTH 231
Equivalency: ECO3111/ECO315
Offered in Fall & Spring

ECO 316 Intermediate Macroeconomic Analysis
The essentials of the theory and measurement of economic aggregates and the application of these concepts to major economic problems: employment, growth, business and price fluctuations.
Credits: 3.00
Prerequisites: ECO 202
Offered in Fall & Spring

ECO 335 Current Economic Issues
The study of selected economic issues relevant to today’s society. The emphasis is upon the present state of the economy; problems relating to the urban crisis, resource scarcity, welfare, unemployment, inflation, economic growth, and ecology will usually be discussed.

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ECO 345 Economics of Industrial Organization
An examination of the structure of industries in the U.S. and how that structure affects industry conduct and economic performance. The course will focus on government attempts to alter the structure, conduct and performance of industries through enactment and enforcement of legislation.
Credits: 3.00
Prerequisite: ECO 100, 201 or 202
Equivalency: ECO335/3350
Offered in Fall & Spring

ECO 355 The FED Challenge
The purpose of this course is to undertake an intensive study of the US macro economy, the Federal Reserve System and the implementation of appropriate monetary policy. The course requires students not only to learn about the inter-workings of monetary policy, but also to work in a team environment, conduct independent research, and develop their presentation and communication skills. The course culminates in a competition at the Federal Reserve Bank of New York where students from various colleges present their policy prescriptions to senior FED officials and business executives.
Credits: 3.00
Department Consent Required.
Prerequisite: ECO 201, 202 and approval of department chair
Offered in the Fall Semester

ECO 370 Environmental Economics and Sustainable Development
This course examines the relationship between the environment and socioeconomic systems. An economic framework is used to identify the causes of environmental problems and their potential solutions. The course is interdisciplinary, incorporating material from the natural sciences, in examining the issue of sustainable development.
Credits: 3.00
Prerequisite: ECO 201
Offered When Needed

ECO 380 Health Economics
This course will apply economic analysis to the health care sector. Burgeoning expenditures and the rapidly changing regulatory environment, emphasizing cost containment and competition, have made economic analysis particularly relevant for the study of health care issues.
Credits: 3.00
Prerequisite: ECO 201
Offered in Alternate Years

ECO 404 Business and Financial Cycles
An analysis of the nature and causes of the business cycle: past, present and future. Investigation concentrates on the measurement of economic fluctuations, pertinent theory, generating factors, stabilizing policies and historical experience, stressing practical applications and forecasting.
Credits: 3.00
Prerequisites: ECO 201, 202
Equivalency: ECOBEC404
Offered When Needed

ECO 409 History of Economic Ideas
A historical and analytical survey of the contributions of the leading economists and the various schools of economic thought.
Credits: 3.00
Prerequisites: ECO 201, 202
Offered in Alternate Years

ECO 415 Economics of Global Resources
Credits: 3.00
Equivalency: ECOBECGEO415/2500
Offered in Fall & Spring

ECO 416 International Economics
An analysis of the commercial and financial relations between the US and the rest of the world, covering topics ranging from trade to foreign exchange rates, with in-depth studies of exchange rates, balance of payments and trade restrictions. The development of the international monetary system will be given special emphasis, including a detailed comparison of floating exchange rates with workings of the gold standard and the Bretton Woods systems.
Credits: 3.00
Prerequisites: ECO 201, 202. ECO 316 is desirable but not required
Equivalency: ECO416/4160
Offered in Fall & Spring

ECO 431 Managerial Economics
Applied microeconomic theory in business management, stressing basic decision making models and techniques.
Credits: 3.00
Prerequisites: ECO 201
Offered When Needed
ECO 435 Mathematical Applications in Economics
The purpose of this course is to utilize mathematical analysis, e.g., matrix algebra, differential calculus, maximization and minimization techniques, and integral calculus, to examine topics in economics. Such topics will include general equilibrium, consumer choice, macroeconomic models, production and pricing theory, inventory control, input-output models, and others. 
Credits: 3.00  
Prerequisites: ECO 201, 202, MTH 232, or equivalent
Offered in Alternate Years

ECO 450 Internship in Economics
Students are placed in public agencies or private businesses under the direct supervision of an executive of the organization. Students must consult on a scheduled basis with a faculty member. A report must be prepared based on this learning experience and approved by both the faculty member and the supervising executive.
Credits: 3.00  
Department Consent Required.
Offered in Fall & Spring

ECO 460 Seminar in Economic Analysis
Covers topics in micro and macro economics, economic history and theory, and contemporary problems; emphasis of a particular seminar to be determined by the instructor.
Credits: 3.00  
Department Consent Required.
Offered in Fall & Spring

ECO 491 Economic Research
An introduction to economic research aimed at synthesizing theoretical analysis and empirical investigation. Research on topics of interest to students and faculty.
Credits: 1.00  
Department Consent Required.
Offered in Fall & Spring

ECO1101 Introduction to Economics
An introduction to the basic elements of Economics. Part of the course investigates the components of modern market economies, including market pricing and production dynamics, consumer demand, producer optimization, differing market structures, business regulation, wage and employment levels, unions, and income inequality. Part of the course investigates national economies, including differing economic systems, unemployment, inflation, the determinants of national output, government policy, money and banking, and international trade.
Credits: 4.00  
Undergraduate Trimester Programs
Equivalency: ECO1101/ECO201/ECO202
Offered in the Fall Semester

EDUCATION
Note: All courses in the Education Department incorporate and apply New York State Learning Standards for K-12 in the implementation of instructional strategies and requires a field experience as well as an electronic portfolio.

EDU 100-E Education Elective
Credits: 3.00

EDU 201 Principles and Procedures of Education
The principles of learning and their relation to elementary and secondary school classroom techniques will be studied. Such topics as effective teaching, classroom organization, instructional planning, assessment and evaluation, instructional outcomes, methods and materials, classroom management, meeting the needs of learners in a diverse society and the use of technology will be explored through problem solving activities and projects. The New York State Learning Standards will be used in creating lesson plans. Field experiences are required.
Credits: 3.00  
Offered in the Fall Semester

EDU 202 Foundations of Educational Theory
This course investigates the historical, legal, social, and philosophical foundations of education and their impact on contemporary schools and education and relationships to changing approaches to issues in the schools. The New York State Learning Standards and their impact on schools and curriculum will be discussed. Field experiences are required.
Credits: 3.00  
Prerequisite: Sophomore status
Offered in the Spring Semester

EDU 203 Frameworks for the Education of All Children in Inclusive Settings
This course provides teacher candidates with the foundation for educating all young children from birth through grade 2. Course participants will learn the benchmarks of social, emotional, physical, cognitive, linguistic, and aesthetic growth and development of all young children, including children from diverse homes and cultural contexts, as well as those with special needs. Significant issues influencing early childhood education, as well as the guidelines and principles that inform developmentally appropriate practices are basic to this course. A field experience is required.
Credits: 3.00  
Prerequisite: Sophomore status
Offered in the Summer
EDU 210 An Introduction to Special Education
This course provides the foundations for teachers of special education and exceptional students. Included within the course are effective practices for co-teaching and collaboration with peers; comprehending different disabilities categories; identification and remediation of disabilities; Special education process-State and Fed laws and regulations; individualizing instruction and applying positive behavioral supports and interventions to address student and classroom management needs. Course requirements include a ten-hour field experience in special education classrooms, grades 1-12 and submission of the major assessment to TaskStream.
Credits: 3.00
Offered in the Fall Semester

EDU 250 Field Experience I
Teacher candidates will participate in a series of classroom observations in elementary, middle and/or high schools with diverse populations. The candidates will be grouped in "intervention teams" and be assigned to schools as a cohort. They will observe the school routines, participate in tutorial experiences and cooperate with classroom teachers. Candidates will develop an understanding of strategies for classroom management, standards-based instruction and assessment, as well as how to integrate technology. Students will maintain a personal log of observation and participation. There will be one formal observation by the field work supervisor during which time the candidate will provide instruction to some or all of the students.
Credits: 1.00
Department Consent Required.
Offered in the Spring Semester

EDU 335 Introduction and Assessment for Teaching Young Children in Inclusive Settings: Birth - Grade 2
Teacher candidates will learn to design and implement a curriculum that is responsive to the needs of all young children, including those from culturally and linguistically diverse backgrounds, as well as children who are special learners. Developmentally appropriate instruction that integrates authentic assessment to monitor the growth and development of young children will be emphasized in this course. A field experience is required.
Credits: 3.00
Offered in the Summer

EDU 337 Instruction & Assessment Strategies on the Secondary Level
This course is designed to assist aspiring teachers in exploring a variety of instructional strategies and techniques, learning theories, and assessment and evaluation approaches appropriate for meeting the needs of learners in diverse middle and secondary classrooms. Opportunities are provided to experience various instructional strategies from the perspectives of student and teacher and to implement them into actual lesson planning and presentations. The integration of technology, the New York State Learning Standards, and content area standards into unit and lesson planning is investigated. Field observation experiences in the student's content area are required.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

EDU 350 Field Experience II
As a continuation of their experience in EDU250, teacher candidates will participate in another series of classroom observations in elementary, middle and/or high schools with diverse populations. As before, they will observe the school routines, participate in tutorial experiences and cooperate with classroom teachers. Candidates will develop an understanding of strategies for classroom management, standards-based instruction and assessment, as well as how to integrate technology. Students will maintain a personal log of observation and participation. There will be one formal observation by the field work supervisor during which time the candidate will provide instruction to some or all of the students.
Credits: 1.00
Prerequisite: EDU 250
Offered When Needed

EDU 370 Literacy Acquisition and Development in Children: Birth - Grade 6
This course emphasizes the acquisition and the development of language and literacy in children. The teaching of reading and writing as construction processes within a well-balanced literacy program will be emphasized, an appropriate model for instructing children in inclusive classrooms. Teacher candidates will learn to use instructional strategies with children who are linguistically and culturally diverse, as well as those who have a wide range of special needs. Assessment strategies to monitor literacy growth, the use of technology to support literacy, and the selection and use of developmentally appropriate materials are included in this course. A field experience is required.
Credits: 3.00
Department Consent Required.
Offered in the Fall Semester

EDU 373 Instruction and Assessment Strategies for Learning Mathematics for All Children
This course will emphasize the active hands-on problem solving approach to teaching, learning, and assessing mathematics as stated in the National Council of Teachers of Mathematics (NCTM) and the
New York State Learning Standards. Strategies that enable students to make sense of mathematics and to develop their own meaning of mathematical concepts and processes will be investigated. A field experience is required and involves observing and participating in mathematics instruction within the classroom setting. Credits: 3.00
Department Consent Required.
Offered in the Spring Semester Department Approval Required

EDU 374 Literacy and Learning in the Middle and Secondary Schools
Going beyond the traditional view of reading and writing, this course embraces the challenges of literate societies within the twenty-first century which demand students to acquire multiple literacies. Teacher candidates will learn how to use a wide array of instructional strategies that integrate all language modes, as well as other tools of learning into the subject areas they teach. For more effective instruction and learning within inclusive classrooms, course participants will begin to use differentiated teaching with students who have special needs and with those who are culturally and linguistically diverse. A field experience is required. Credits: 3.00
Offered in the Spring Semester

EDU 375 Literacy Across the Curriculum: Teaching Reading in the Content Areas, Grade 7 - 12
This course focuses on the nature of the reading process as it relates to comprehending text in the content areas. An instructional framework will be presented that can be used to instruct all students, including those with special needs and those who are linguistically and culturally diverse, as they read text from different disciplines. Assessing students' reading levels for the purpose of providing differential instruction and matching levels of texts is a major objective. A field experience is required. Credits: 3.00
Department Consent Required.
Offered in the Fall Semester

EDU 380 Constructing Literacy Portfolios for Effective Teaching
This course will examine a variety of assessment strategies that may be used to monitor and document literacy growth and development of all children in inclusive classrooms. Using assessment data to inform instruction, teacher candidates will utilize differential instructional strategies with struggling readers and writers, with students who have a broad range of learning disabilities, and with children from bilingual and ESL homes. This course will emphasize the use of authentic assessment as an on-going process that is linked to instruction and includes the preparation of teacher candidates for the administration of standardized tests. This course requires a field experience. Credits: 3.00
Prerequisite: Edu 370 and 382
Equivalency: EDU 380/360
Offered in the Spring Semester

EDU 382 An Integrated Approach to Teaching Language Arts
Teacher candidates will learn how to design a language arts curriculum that integrates literacy in the multiple disciplines of learning and addresses the NYS English Language Arts Standards. Learning to differentiate instruction for effective teaching, course participants will use a wide variety of literacy strategies appropriate with students who have special needs, as well as children who are culturally and linguistically diverse. An emphasis within this course is the use of children’s literature and technology to broaden students’ conceptual knowledge while developing all their modes of language use: reading, writing, listening, speaking, viewing, and representing visually and graphically. A field experience is required in this course. Credits: 3.00
Department Consent Required.
Prerequisite Edu 370
Offered in the Spring Semester

EDU 383 Instruction and Assessment for Teaching Social Studies to All Children
Students as teacher candidates will acquire instructional strategies and assessment skills to teach social studies to elementary school children. This course will develop knowledge, concepts, values, and critical thinking skills through the creation of lesson plans and unit themes drawing on disciplines within the social sciences and the humanities. It adapts instructional strategies to meet the needs of the diverse range of student abilities. Specifically, it includes provision for addressing the learning requirements of children with special needs and with varied linguistic and cultural backgrounds. Students are taught how to use technology to enhance learning and educational research. A basic foundation of this course is that students understand and promote rights and responsibilities of citizenship in a democratic and pluralistic society. Successful completion of course objectives will be measured through varied and authentic means of assessment. Field observation experiences of social studies lessons are required. Credits: 3.00
Offered in the Fall Semester
EDU 384 Instructional and Assessment Strategies for Teaching Science to Children in Inclusive Classrooms
Teacher candidates will become familiar with strategies that require students to become active learners of science. Assessment strategies will be integrated with instruction. Course participants will become familiar with the New York State Learning Standards and their application to the diverse needs of students in inclusive classrooms. Field observation is required.
Credits: 3.00
Offered in the Spring Semester

EDU 388 Learning Needs of the Middle School Student
This course will provide students with in-depth study of the ten to fourteen-year old child. Readings will focus upon the learning needs and learning styles of the child in middle school grades. The place of the middle school within the school structure will be analyzed. The course will enable students to develop the skills necessary to serve as a mentor to students within this age category. It will be necessary for students to work with middle school children in a non-academic setting on a weekly basis. A field experience is required.
Credits: 3.00
Department Consent Required.
Equivalency: EDU753/388
Offered in the Summer

EDU 389 Teaching Strategies for the Middle School Student
This course will focus upon the strategies which are most commonly used in the middle school setting. Particular emphasis will be placed upon cooperative learning, team teaching, whole language, technology and interdisciplinary study. As part of the course requirements, students will be required to work as an interdisciplinary team. Students will also be required to spend time each week observing middle school students in an academic setting.
Credits: 3.00
Department Consent Required.
Equivalency: EDU752/389
Offered in the Summer Department Approval Required

EDU 462 Observation and Student Teaching for Adolescence Education, Grades 7 - 12
A structured college-supervised teaching experience is provided in selected middle and high schools, grades 7 through 12. Teacher candidates will have the opportunity to plan and execute instructional activities, monitor and assess student learning consistent with higher educational standards, develop classroom management skills and perform other related duties while creating meaningful learning experiences for students in classrooms having diverse needs. This field experience is an integral part of the professional education curriculum and allows candidates to demonstrate competence in the professional roles for which they are preparing. Applications for enrollment must be submitted to the Education Department by September 30 in the Fall semester, for Spring term enrollment, and February 1 of the Spring semester, for Fall term enrollment. A minimum of 15 weeks of full-time practice teaching and observation is required under the direction of the student teacher supervisor and the cooperating teacher(s). A weekly seminar takes place on campus.
Credits: 9.00
Department Consent Required.
Offered in Fall & Spring

EDU 466 Observation and Student Teaching at the Childhood Level
A structured college-supervised teaching experience is provided in selected elementary schools at grades 1 through 3 and 4 through 6. Teacher candidates will have the opportunity to assume increased responsibilities for instruction, consistent with higher educational standards, conduct assessments, develop classroom management skills and perform other related duties for students in classrooms having diverse needs. This field experience is an integral part of the professional education curriculum and allows candidates to demonstrate competence in the professional roles for which they are preparing. Applications for enrollment must be submitted to the Education Department by September 30 in the Fall semester, for Spring term enrollment, and February 1 of the Spring semester, for Fall term enrollment. A minimum of 15 weeks of full-time practice teaching and observation is required under the direction of the student teacher supervisor and the cooperating teacher(s). A weekly seminar takes place on campus.
Credits: 9.00
Department Consent Required.
Offered in the Spring Semester Offered in the Fall Semester

EDU 467 Observation and Student Teaching at the Early Childhood Level
A structured college-supervised teaching experience is provided in selected early childhood settings (Pre-K - Grade 2) and selected childhood settings (Grades 1- 6). Teacher candidates will have the opportunity to assume increased responsibilities for instruction consistent with higher educational standards, conduct assessments, develop classroom management skills and perform other related duties in classrooms having diverse student populations. This field experience is an integral part of the professional educational curriculum and allows candidates to demonstrate competence in the professional roles for which they are preparing. Applications for enrollment must be
submitted to the Education Department by September 30 in the Fall semester, for Spring term enrollment, and by February 1 in the Spring semester, for Fall term enrollment. A minimum of 15 weeks of full-time practice is required under the direction of the student teacher supervisor and the cooperating teacher(s). A weekly seminar takes place on campus. Credits: 9.00 Department Consent Required. Offered in Fall & Spring Department Approval Required

**EDU 480 Teacher Work Sample**

Course participants will be engaged in a supervised practicum with students in partnership schools. Course participants will use their content and pedagogical knowledge and skills to create a Teacher Work Sample Project. The Teacher Work Sample project will consist of three parts: planning, instruction, and assessment. Application for the practicum must be submitted prior to placement and course registration; approval by the Education Department is required. Credits: 1.00 Department Consent Required. Prerequisite: EDU 462, EDU 466 or EDU 467 Offered When Needed

**ENGLISH**

**ENG 110 Introduction to Critical Writing**

This course focuses on the basic structures and skills necessary for college level writing and research, including: organization of various kinds of essays; drafting and revising; grammar, syntax, punctuation and usage; and research. Credits: 3.00

**ENG 120 Communication Skills: Writing I**

An introduction to the principles of correct and effective composition, requiring frequent writing assignments, analysis of prose, and the study of research techniques. Some students will be required to register for the Writing Workshop (ENG 109) while they are enrolled in ENG 120. Course graded on an A, B+, B, C+, C or U basis. Normally completed in the freshman year. Not open to students who have taken ENG 1101. Credits: 3.00 Equivalency: ENG120/122/130 Offered in Fall & Spring

**ENG 121 Communication Skills: Advanced Writing II**

A continuation of ENG 120, emphasizing through frequent writing assignments the varieties of form and style in English prose. For the student wishing to develop further writing skills. Credits: 3.00

**ENG 122 Communication Skills: Advanced Composition**

An enriched alternative to ENG 120, emphasizing a variety of writing activities to be offered to students by department selection. Course graded on an A, B+, B, C+, C, or U basis. Credits: 3.00 Equivalency: ENG120/122/130 Offered in Fall & Spring

**ENG 203 Foundations and Traditions of Literature**

Major authors and works from the classical period through the Enlightenment; close reading of texts organized by genre, including Epic/Narrative, Tragedy, Comedy, Lyric, Poetry, and Romance. Credits: 3.00 Prerequisite: ENG 120 Equivalency: ENG 2060/ENG203/204 Offered in the Spring Semester Offered in the Fall Semester

**ENG 204 Literature of the Modern World**

Building upon the foundation of pre-modern literature established in ENG 203, this course presents the modern development and evolution of literary modes and themes found in narrative, drama, and poetry. With reference to, but moving beyond traditional notions of literary forms or genres, the course explores new literary paradigms such as the novel and short story. Simultaneously, the course introduces the topic of literary criticism. Further developing the students’ skills in close reading and critical analysis. Credits: 3.00 Prerequisite: ENG 203 Offered in the Fall Semester

**ENG 301 Shakespeare: Comedy and History**

A study of the most powerful and significant of Shakespeare’s works in the genres of comedy and history. Credits: 3.00 The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in the Fall Semester

**ENG 302 Shakespeare: Tragedy and Romance**

A study of the most powerful and significant of Shakespeare’s works in the genres of tragedy and tragicomic romance. Credits: 3.00 The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in the Spring Semester
ENG 310 Shakespeare on Film
Shakespeare’s plays have been appearing on film since the development of film in the late 19th century. Filmmakers have generally followed one of three trends in presenting Shakespeare on film: filming a staged version of the play; developing a story line inspired by a Shakespearean play; or translating Shakespeare’s plays directly into the film media, creating a cinematic adaptation that makes use of all of the opportunities film provides. This seminar focuses primarily on the third category of Shakespeare on film. We will examine how contemporary filmmakers translate their interpretations of the Shakespeare plays to the cinema and how those translations then affect our readings of the plays. By attending to the decisions of the actors, directors, cinematographers, and editors, we will deepen our understanding of Shakespeare’s texts and of the medium of film.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core

ENG 313 Milton
A study of the full range of Milton’s poetry; assessment of his reception and importance in the twentieth century.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core
Offered in Alternate Years

ENG 314 Introduction to Literary Studies
An introduction for the newly declared English major to the discipline of literary study. An exploration of the salient features of fiction, poetry, and drama in conjunction with a critical examination of primary texts and of the varieties of critical writing and research that their study requires.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core
Offered in the Spring Semester Offered in the Fall Semester

ENG 332 The Eighteenth-Century Novel
A study of the origins, or “rise” of the novel as a literary genre and socio-cultural phenomenon between 1660 and 1810.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in the Fall Semester

ENG 333 English Drama from the Restoration to the Present
A study of English drama from the sophisticated comedies of the Restoration to the work of such moderns as Shaw and Pinter.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core
Offered in Alternate Years

ENG 334 The Classic English Novel
A study of selected works from the nineteenth century up to World War I, tracing the development of the genre in the works of authors such as Austen, Dickens, Eliot, Hardy, and Conrad.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 335 The Twentieth-Century British Novel
A study of selected great novels of the twentieth century, beginning with the innovative work of Joyce and Woolf and examining further developments up to the present in the novels of writers such as Lawrence, Greene, Waugh, Murdoch, McEwan, Powell and Drabble.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 339 World Drama
This course is a study of the world drama from the beginnings in ancient Greece to the most recent works of contemporary playwrights. Areas to be covered include classical drama, the medieval stage, Renaissance drama, the Restoration, melodrama, realism, the Theatre of the Absurd, and contemporary drama. Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core
Offered in Alternate Years

ENG 343 Irish Literature
While focusing on the Irish Renaissance (the period between 1880 and 1930), reading and discussion will also examine literature written before and after the renaissance, to include such writers as Edgeworth and Moore, Yeats and Joyce, Synge and Lady Gregory, Boland and Heaney, Friel and MacLaverty.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENG 351</td>
<td>Classical Mythology</td>
</tr>
<tr>
<td></td>
<td>An introduction to the myths of ancient Greece and Rome from primary texts, ancient artistic renditions, and Renaissance and more recent (re-)interpretations of those myths. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.</td>
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<tr>
<td>ENG 355</td>
<td>East Asian Literature in Translation</td>
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<td>Reading and discussion of major works and writers of China and Japan beginning with ancient times, and including such twentieth century works as ‘Rashomon’ and ‘Snow Country.’ Credit: 3.00</td>
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<td>The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
</tr>
<tr>
<td>ENG 358</td>
<td>Advanced Writing: Strategies and Skills</td>
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<td>A course devoted to the theory and practice of effective writing for English majors, minors, and non-majors (juniors and seniors with permission of instructor). In addition to reading assignments in literature and expository essays, the course will focus in student writing, particularly analytical writing, and will address how to formulate a strong thesis, organize arguments, and use secondary sources. The focus on student writing will refine the skills necessary for the workplace, the elementary/secondary classroom, and/or graduate school. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
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<tr>
<td>ENG 360</td>
<td>Nineteenth-Century American Romanticism and Realism</td>
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<td></td>
<td>A study of major works and themes of the Romantic and Realistic movements in nineteenth century American literature. Credit: 3.00</td>
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<td>The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
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<tr>
<td>ENG 364</td>
<td>Modern American Theater</td>
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<td></td>
<td>Reading and discussion of major works and trends in American drama from the early plays of O’Neill to the present. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
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<tr>
<td>ENG 365</td>
<td>African American Literature</td>
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<td>This course examines a variety of African American writers. Emphasis will be on the development of African American literacy traditions and how contemporary writers have interpreted these traditions. Writers to be considered in the course may be drawn from the 18th, 19th or 20th centuries and may include such figures as Phillis Wheatley, Fredrick Douglass, Harriet Jacobs, Nella Larsen, Langston Hughes, Richard Wright, Ralph Ellison, and Toni Morrison. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
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<tr>
<td>ENG 367</td>
<td>Modern American Poetry</td>
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<td></td>
<td>A study of the development of American poetry in the twentieth century emphasizing major poets from T.S. Eliot to the present. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.</td>
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<tr>
<td>ENG 368</td>
<td>Modern American Fiction</td>
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<td>A study of the techniques, structures and themes in the fiction of major American writers of the first half of the twentieth century. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Equivalency: ENG3680/368 Offered in Alternate Years</td>
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<tr>
<td>ENG 369</td>
<td>Special Studies in Themes in American Literature</td>
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<td>An intensive study of a significant theme which appears in the works of major writers and reflects a particularly American problem or point of view such as “The Mythic Dimension of American Literature,” “The American Catholic Experience,” “Ethnicity and Identity,” or “African American Literature.” Credit: 3.00</td>
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<td>The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Equivalency: ENG369/3690 Offered in Alternate Years</td>
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<tr>
<td>ENG 370</td>
<td>Contemporary American Fiction</td>
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<td></td>
<td>An examination of the themes and forms of American fiction from the 1960’s to the present. Credit: 3.00</td>
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<td>The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core. Offered in Alternate Years</td>
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</tbody>
</table>
ENG 372 Multicultural Writers of America
An advanced survey of American literature that focuses upon multicultural themes and perspectives. Literary texts from several ethnic groups (African American, Asian American, Jewish American, Latino, and Native American) will foreground a discussion of such topics as assimilation, displacement, and bicultural identity.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Equivalency: ENG775/372

ENG 380 Literature for Young Adults
This course seeks to develop a knowledge base and performance skills for the effective teaching of literature to middle- and high-school students. The course examines literature for and about adolescents as it reflects emotional, social, intellectual, linguistic, aesthetic, and ethical development. The course also focuses on establishing norms for assessing the literary value and appropriateness of works of young adult literature.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.

ENG 384 Images of Women in Modern American Literature
This course provides an intensive study of the presentation of women in the works of major American writers from the turn of the century to the present.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Equivalency: ENGWST384/4435/3840
Offered in Alternate Years

ENG 399 Linguistics and History of English Language
This course will focus on two topics. First, it will study the descriptive and analytical concepts of structural linguistics. Second, it will study origin, relationships, and the evolution of the English language.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Equivalency: ENG600/399

ENG 401 Chaucer: The Canterbury Tales
A study of Chaucer against the background of his age, with special reference to his language, style, and poetic technique, emphasizing 'The Canterbury Tales.'
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in the Fall Semester

ENG 402 Medieval Literature
This course is intended to give students a sense of the breadth and diversity of medieval English literature from the Anglo-Saxon period through the late fifteenth century. We will read various works against a changing gistorical and linguistic backdrop and consider how both content and reflect and reinforce their times.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.

ENG 405 Seventeenth-Century British Literature: The World Turned Upside Down
In the seventeenth century, England experienced dramatic social and political changes: a king was tried and executed for treason; opposing political, religious, and social factions waged battles in pring; puritans emigrated to the New World; men and women argued over the value of womankind; and scientific empiricism and instrumentation began to contend with religious worldviews. As a period in literary history, the century is frequently divided into an Age of Milton (or Donne) and an Age of Dryden. Reading representative works in the major genres of the century, we will attempt to understand the processes of change and the persistence of continuities in its literature.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.

ENG 407 Chaucer: Troilus and Criseyde and the Minor Poems
A close analysis of Chaucer’s emerging poetic power, with special emphasis on “Troilus and Criseyde.”
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in the Spring Semester

ENG 409 Ideas and Ideals in the English Renaissance
A study of the types of literary expression in the English Renaissance, with emphasis on such major figures in prose, poetry, and drama as More, Sidney, Spenser, Shakespeare, and Marlowe.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years
ENG 412 The Metaphysical Poets of the Seventeenth Century
A thorough study of the love poetry, sexual and divine, of the greatest of these poets, John Donne, and consideration of others such as Herbert, Vaughan, and Marvell.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 423 English Literature of the Eighteenth Century
This course examines the literature of the “long” eighteenth-century (1660-1792) and recognizes the transatlantic circulation of ideas and literature between America and England in that period. At the same time, it explores the global eighteenth century and the issues which derive from its study. These may include the purpose of satire, the rise of the novel, the importance of the “Orient” in Western thought, the institution of slavery, the status of “pre-romanticism,” and the emergence of the author as cultural hero.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 430 The Romantic Poets: Blake, Wordsworth, Colerige, Keats, Shelley and Byron
A study of the Romantics’ modernity of thought, rebellion against literary tradition, and psychological insights. The Romantics’ attitudes about political reform, the role of the writer in society, and women and love are also discussed.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 432 The Victorian Age
The course examines Victorian literature as it reflects the dominant forces of the age. Tennyson, Arnold, Dickens, and Browning are studied in-depth. Specific topics include the Industrial Revolution, fear of social anarchy, and the authors’ spiritual crises.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 440 Special Studies in Themes in British Literature
A study of a significant theme or tradition which appears in the works of major writers, such as: ‘The Shakespearean Film’, ‘The Arthurian Tradition,’ and ‘The Catholic Experience in Modern British Fiction.’
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Equivalency: ENG4400/440
Offered in Alternate Years

ENG 443 Special Topics in World Literature
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core

ENG 444 Post Colonial Literature
This course examines the literatures written in English that have emerged from regions or countries formerly colonized by England and the United States, such as Africa, Australia, New Zealand, India, Ireland, the Philippines, and the Caribbean. Topics to be considered may include: the processes of colonization and de-colonization; the problem of writing in the colonizer’s language; the use of postcolonial criticism and theory; and the question of what “postcolonial” means to different writers. Writers to be studied may include: Salman Rushdie, Seamus Heaney, Keri Hulme, Jessica Hagedorn, J.M. Coetzee, Nadine Gordimer, Chinua Achebe, and Derek Walcott, among others.
Credits: 3.00
The prerequisite for all course on the 300(0) or 400(0) level, unless stated in the course description, is the English Core
Equivalency: ENG773/444
Offered in Alternate Years

ENG 451 Creative Writing: Poetry
Studies and practice in the writing of poetry. Classes will be geared to individual needs. Student writing will be discussed and evaluated individually and in groups.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered When Needed

ENG 452 Creative Writing Fiction
Studies and practice in the writing of fiction. Classes will be geared to individual needs. Student writing will be discussed and evaluated individually and in groups.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Equivalency: ENG4520/ENG452/ENG2151
Offered When Needed
ENG 467 Modern British and Commonwealth Poetry
A study of the development of British poetry in the twentieth century, emphasizing major poets from Yeats to the present.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered in Alternate Years

ENG 470 Literature Seminar
Research and readings in selected authors and topics.
Credits: 3.00
The prerequisite for all courses on the 300(0) or 400(0) level, unless stated in the course description, is the English Core.
Offered When Needed

ENG 480 Internship in English
Participation as a trainee in an off-campus or on-campus working experience related to the student’s interests within the English major. A paper evaluating this experience and periodic reports to a faculty advisor are required.
Credits: 3.00
Department Consent Required.
Offered in the Spring Semester

ENG 499 Senior Seminar: Literature and Criticism
Intensive study and discussion of a group of literary works and of criticism applicable to those works to provide a capstone experience for the College Core and for the major.
Credits: 3.00
Prerequisite: Senior Standing
Offered in Fall & Spring Open to Seniors Only Capstone Course

ENG1120 Business and Professional Writing
The development and strengthening of writing skills needed in business and professional life, emphasizing organization, grammar, syntax, diction and punctuation. Through frequent writing assignments, both in class and at home, students will learn appropriate business formats as well as the effective use of factual and statistical data.
Credits: 4.00

ENG1140 Literature Survey: From Antiquity to the Present
This course will cover major authors and works from the classical period through the present, comprising such authors as Homer, Sophocles, Chaucer, Dante, Shakespeare, amd Woolf. The course includes a close reading of texts organized by genres and periods including Epic/Narrative, Tragedy, Comedy, Lyric, Poetry and Romance and ranging from the Classical Period to “Postmodern” literature. The course pays special attention to the evolution of literary style within these genres in order to better understand the relationship between literature and its historical and cultural contexts.
Credits: 3.00
Undergraduate Trimester Programs

ENG4520 Creative Writing Workshop Fiction/Non-Fiction
Studies and practice in the writing of short works of fiction, articles and other works of non-fiction. Classes will be geared to individual needs. Evaluation and discussion of student writing on an individual and group basis. Guest lecturers will participate.
Credits: 4.00
Prerequisite: ENG 120 or 1101
Equivalency: ENG4520/ENG452/ENG2151
Offered When Needed

ENVIRONMENTAL STUDIES

ENV 300 Special Topics in Environmental Studies
This course is an interdisciplinary course that examines some of the key problems, debates, and issues in environmental studies. Topics will explore select areas of investigation including but not limited to climate change, food security, and international environmental cooperation.
Credits: 3.00
Offered When Needed

ENV 452 Colloquium in Environmental Studies
This course provides a broad, practical understanding of some of the most pressing and relevant problems in environmental studies. The course is designed to provide an interdisciplinary perspective on contemporary environmental challenges.
Credits: 1.00  Department consent Required.
Prerequisite: Environmental Studies majors only and approval of program coordinators
Offered When Needed

ENV 495 Capstone Seminar in Environmental Studies
This course is a survey and integration of the disciplines that compromise the program focusing on particular problems and/or issues in environmental studies. The course will provide the opportunity for majors to critically review concepts, theories, approaches, and the literature pertinent to the topic under review and to engage in independent, original, and rigorous research.
Credits: 3.00
Department Consent Required.
Prerequisite: Environmental Studies majors only and approval of program coordinators
Offered When Needed

FILM STUDIES

FLM 350 Film
A study of the way film works as communication, as art/entertainment and as an industry. Developing styles, types of film, and various approaches to criticism will be discussed. The course will include viewing, discussion and written analysis of feature films, shorts and excerpts from the origins of film to the present.
Credits: 3.00
Offered in the Fall Semester

FLM 351 Film History
A study of selected topics in cinematic history from the silent era, such as the development of the classic tradition, the interrelationships of film and culture in a defined historical period, problems in film historiography, the impact of technology, and the growth of the industry.
Credits: 3.00
Offered When Needed

FLM 353 Film Criticism
An analysis of major critical and theoretical approaches to cinema studies. Students will write reviews and analyses of contemporary and classic films.
Credits: 3.00
Equivalency: CMA353/453
Offered When Needed

FLM 354 Contemporary Cinema
A survey of recent films from several cultures. Students will consider what the movies of our time tell us about our world, how filmmaking and film viewing have changed in recent years, and how the movies of different cultures influence each other.
Credits: 3.00

FLM 355 Independent Cinema
Though we tend to associate American movies with Hollywood, the history of our national cinema has been significantly shaped by filmmakers working outside, or at the margins of the Hollywood system. This course will consider films by artists working in the significant modes of independent cinema (features, experimental, documentary) and trace the history and influence of American independents to the present, while speculating upon their future in an age of cheap, plentiful film technology.
Credits: 3.00

FLM 360 Major Filmmakers
An analysis of the style, concepts and narrative design in key works of two or three selected major filmmakers, such as Bergman, Bunuel, Eisenstein, Keaton, Lang, Fellini, Chaplin, Griffith, Hitchcock, and Kurosawa.
Credits: 3.00
Equivalency: CMA360/461
Offered When Needed

FLM 362 International Film
A survey of international films stressing their unique national characters, as well as comparative trends, themes and techniques.
Credits: 3.00
Offered When Needed

FLM 364 Film Genres
Concepts of genre are examined in light of selected popular categories such as the western, the horror film, the crime film, and the musical. The relationship between the recurring structural elements of a genre and individual artistic expression will be explored.
Credits: 3.00
Equivalency: CMA464/364
Offered When Needed

FLM 369 Special Themes and Topics in Film Studies
An intensive study of a significant theme or topic not covered in great depth by other film courses. Offerings may include such content as “Themes in American Film Culture,” “Film and Literature,” “Racial and Ethnic Identities in American Cinema,” “The Art of the Documentary,” “Women and Film,” and “The Cinema of War and Peace.” This course may be taken a second time with the permission of the department chair.
Credits: 3.00
Offered When Needed

FLM 450 Script Writing
An introduction to screenplay theory and its practical application in the writing of film and TV scripts; students will develop a 30-minute screenplay from outline proposal to treatment to finished script.
Credits: 3.00
Offered When Needed

FLM1140 Introduction to the Film
Though we all watch movies, and frequently discuss or express opinions about them, the study of film requires some knowledge of its forms, styles, methods and history. The purpose of this course is to introduce those who enjoy cinema to the means of talking about it knowledgeably. We will discuss important terms (cinematography, mise en scene, analytical editing), genres, historical periods and film innovators, and study the way film works as communication, entertainment and industry, and how these features reflect our conception of it as an art form.
Credits: 4.00
Undergraduate Trimester Programs
FLM3150 Special Topics in Film Studies
An in-depth study of topics not covered by other trimester film courses. Topics will vary from term to term.
Credits: 4.00
Undergraduate Trimester Programs

FINANCE

FIN 322 Corporate Finance
A comprehensive study of the major issues involved in corporate financial management from the viewpoint of the firm's chief financial officer. Topics covered include the fundamental concepts of risk, return and value; financial analysis and forecasting; working capital management; capital budgeting; long-term financing decisions; cost of capital; capital structure; and dividend policy.
Credits: 3.00
Prerequisites: BUS 210 & 230
Offered in Fall & Spring Not Liberal Arts

FIN 329 Financial Institutions, Markets and Money
A study of money and credit, financial institutions, central banking and monetary policy, money and capital markets, international financial institutions and markets, and financial regulations and the regulating agencies. Topics include the role of financial institutions and their sources and uses of funds, assets and liability management, the federal reserve system and its monetary policy, money and capital market instruments and the dimensions of international banking.
Credits: 3.00
Prerequisites: BUS 210, 230 and ECO 202
Equivalency: ECO4102/ECO308/FIN329
Offered in Fall & Spring Not Liberal Arts

FIN 333 Global Finance
A thorough exploration of the multidimensionalities of the global financial marketplace: its environment, major players and instruments, analyzed from a business, managerial perspective. Topics include the international monetary system, balance of payment, exchange rate determination, international financial markets and its instruments, international investment, global banking activities, and selected topics in international corporate finance.
Credits: 3.00
Prerequisite: BUS 210 & 230
Equivalency: FIN333/FIN433
Offered in Fall & Spring Not Liberal Arts

FIN 350 Sports Finance
This course covers the financial aspects of the sports industry, which generates hundreds of billions of dollars per year in economic activity. It starts with the examination of public and private sector financing of amateur, collegiate and professional sports organizations and discusses its ever growing need for financial management skills. Topics include: Public and private financing of sports and events, labor market issues, costs and benefits of a franchise or a facility to a city, monopoly and antitrust, and sports franchise as profit-maximizing firms.
Credits: 3.00
Prerequisites: BUS 210 & 230

FIN 410 Management of Financial Institutions
This course covers the development of management policies and operations of depository financial institutions. The various sources and uses of funds are analyzed in terms of the banking environment and the basic considerations in commercial banking. The following topics are discussed: structure of the banking system, balance sheet management, deposits, other liabilities, capital structure, cash and liquidity, significant aspects of bank lending, investment policies, trust services, international banking and profitability analysis.
Credits: 3.00
Prerequisites: BUS 210, FIN 329, and ECO 308 or ECO 4102
Offered in the Spring Semester Not Liberal Arts

FIN 411 Principles of Cash Management
A comprehensive analysis of the issues involved in managing short-term financial assets. Topics include: the collections and disbursements systems, accounts receivables and payables management, electronic commerce, treasury technology, short-term investments and borrowing, and risk management, and international cash management.
Credits: 3.00
Prerequisites: BUS 210 & 230
Offered in the Spring Semester

FIN 431 Investment Analysis
An evaluation of common stocks by fundamental and technical methods; of bonds, convertible securities and options employing risk/return analysis; and of mutual funds and other investment media by an analysis of their performance records. Personal portfolio management will also be discussed. The impact of contemporary economic conditions and policies on these investment instruments is also analyzed.
Credits: 3.00
Prerequisites: BUS 210 & 230
Offered in Fall & Spring Not Liberal Arts
FIN 436 International Financial Management
The course covers the foundations of financial management for corporations with international operations. After reviewing the multinational environment and foreign exchange market, the course focuses on concepts and basic techniques of foreign exchange and political risk management, multinational cash and working capital management, foreign direct investment, foreign project evaluation, and multinational tax management.
Credits: 3.00
Prerequisites: BUS 210 and FIN 322
Offered in the Spring Semester Not Liberal Arts

FIN 437 International Financial Markets and Banking
A study of the structure and operation of international financial markets and banking. The coverage includes the foreign exchange market, Eurocurrency, Eurocredit and Eurobond markets, foreign segments of the national debt and equity markets, currency derivatives markets and international banking. Institutions and instruments traded in these markets are examined with a special reference to integration, innovation, and regulatory issues.
Credits: 3.00
Prerequisites: BUS 210 and FIN 333
Equivalency: FIN435/437
Offered in the Fall Semester Not Liberal Arts

FIN 438 Sustainable Finance
An introduction to how sustainability (economic, environmental and social) issues have become financially material to the global credit, underwriting and asset management capital markets. These issues have a direct impact on risk exposure and the quality of debt/equity investments and returns. By the end of the course, students should understand how these issues affect investment decisions made by institutional investors, corporate lenders, insurance companies, asset management funds, hedge funds, venture capitalists and retail investors, as well as business decisions made by corporate managers.
Credits: 3.00
Prerequisites: BUS 210 & 230

FIN 456 Independent Study in Finance
Students undertake an advanced, specialized study project not covered by the regular course offerings. Students participate in individual conferences with a faculty member to plan, execute and discuss the findings of the project.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing
Offered in Fall & Spring Not Liberal Arts

FIN 465 Internship in Finance
Students are placed in a public agency or private business under the direct supervision of an executive of the organization. Students must consult on a scheduled basis with a faculty member to plan, execute and discuss the findings of the project.
Credits: 3.00
Department Consent Required.
Prerequisite: Two 300 or 400 level Finance courses and a minimum GPA of 3.0
Not Liberal Arts Offered Fall, Spring & Summer

FIN 490 Seminar in Finance
Supervised research in advanced theoretical and empirical topics
Credits: 3.00
Instructor Consent required.
Offered When Needed Not Liberal Arts

FINE AND PERFORMING ARTS

FPA 100-C FPA CORE
Credits: 3.00
Equivalency: FPA 100-C

FPA 100-E FPA ELEC
Credits: 3.00

FPA 200 Art Appreciation
An introduction to concepts, theories, and principles of art, through slide study, museum visits, lecture and discussion. Includes art from ancient times to present. For any student interested in developing basic "visual literacy." Required museum and gallery visits.
Credits: 3.00
Equivalency: FPA2000/FPA200
Offered in the Summer Offered in Fall & Spring

FPA 202 Music Appreciation
The basic technique of listening, including a study of the general principles underlying all musical forms and the analysis and interpretation of classical music up to the twentieth century. Directed at developing an ability to understand and enjoy music. Classroom use of recorded performances and live demonstrations supplemented by attendance at live performances.
Credits: 3.00
Equivalency: FPA202/FPA2020
Offered in the Summer Offered in Fall & Spring

FPA 203 Drawing and Painting I
An introduction to visual perception, problem-solving, and human creativity through the study of principles. Museum and gallery visits, discussion and development of visual/manual skills involved in the drawing/painting process. For students who think they cannot draw but have a desire to learn or for
those who are insecure about their drawing skills. No previous experience required. Not for intermediate students who have had basic classes in high school or private lessons.
Credits: 3.00
Equivalency: FAR303/103/1103
Offered in the Summer Offered in Fall & Spring

FPA 204 Introduction to Architecture
A survey of the basic principles of visual design as seen in architecture. Emphasis on creative thinking about space structure and style through the study of unique examples in the history of architecture. Questions about beauty and form relating to topics such as the cathedral, Bauhaus and the skyscraper. Studio work in drawing and learning to represent three-dimensional ideas graphically.
Credits: 3.00
Offered in the Spring Semester

FPA 205 Introduction to the Theatre
An overview of the nature, purpose and functions of theatre, with a focus on the historical differences and developments of the writing, acting, staging and audiences as a reflection of society’s influences. The study of theatre spaces, theatre personnel, and the technical aspects of the theatre will be covered. A theatre practicum is required, participation in the Department of Fine and Performing Arts theatre productions. Assignments can include scenery, lighting, properties, sound, costuming, publicity, rehearsal, and performance. Attendance at a New York City theatre event is required.
Credits: 3.00
Equivalency: SCS250/1130
Offered in Alternate Years

FPA 206 Introduction to Theatre History
An overview of the history of the western theatre tradition from its origins to the modern era. A theatre practicum is required that includes participation in The Department of Fine and Performing Arts theatre productions. Assignments can include work on scenery, lighting, properties, sound, costuming, publicity, rehearsal and performance. Attendance at a New York City theatre event is required.
Credits: 3.00

FPA 207 Shakespeare in Performance
An overview of the fundamentals of the performance styles and production elements of Elizabethan England and The Renaissance Era to the present through the selected plays of William Shakespeare. Study of characterization, portrayal of roles, and identification of distinct acting styles of the each era will be explored and discussed. The directorial style and theatre elements such as stage design, lighting design, costuming and sound design that were used during each era will also be discussed. The performing styles and production elements that are seen in the works of Shakespeare will be discussed and identified by using examples from plays, videos and through attending performances of two Shakespeare dramatic works. Coursework includes lecture, discussion, writings and presentations. Required attendance at two New York City area productions.
Credits: 3.00
Offered in the Summer Offered in Fall & Spring

FPA 208 Women and Art
An 'art appreciation' approach to the major issues and the vast body of artworks of women artists throughout the history of art. Examines the impact of “female creative energy” on artistic traditions, with an emphasis on 20th Century works. An exploration into the depths of technical innovation, iconographic originality, and artistic influence and status of women in contemporary culture through selected readings, film, and slide study, research and discussion. Required NYC museum and gallery visits.
Credits: 3.00
Equivalency: FPA3200/FPA320

FPA 211 Introduction to Sculpture
This course will introduce students to the process, methods and concepts of sculpture, an overview of its history, with a special emphasis on student exploration of the basic materials and techniques of 3-D design in a studio, with projects including: bas-relief, carving, modeling in clay, portrait and figure, and construction. Required NYC museum visit.
Credits: 3.00

FPA 217 Modern Art in New York City Collections
An exploration of the development of modern thought and art from the 1860’s in Paris to 1990’s in New York. A study of the stylistic issues, social and political concerns, and the complexity of the modern artist’s creative process; slide lecture, required museum/gallery study and class discussion. The intensive course involves on sight learning, with professor as guide, in New York City museums and galleries.
Credits: 3.00
Equivalency: FPA3170/FPA317
Offered in the Summer

FPA 220 Dance Appreciation
An overview of the essential properties of dance through lecture, viewing, discussion, and the practice of movement. The course examines the context through which various traditions evolve, the approaches to dance construction/revision articulated by selected masters and the expressive commonality in diverse traditions and artists.
FPA 225 Theatre History: The Ancient Greek Theatre to The Renaissance
An overview of the history of the western theatre tradition from its origins to the Renaissance (450 BC – 1700 AD). Coursework includes lecture, discussion, readings and theatre practicum. Required attendance at a New York City theater event.
Credits: 3.00
Offered in the Fall Semester

FPA 226 Theatre History: The Renaissance to the Modern Theatre
An overview of the history of the western theatre tradition from the Renaissance to the modern era (1700 AD – Present). Coursework includes lecture, discussion, readings and theatre practicum. Required attendance at a New York City theater event.
Credits: 3.00
Offered in the Spring Semester

FPA 230 Acting I
Theories of acting, exercises in sense impression and pantomime, concern with actor as creative instrument, basic techniques of stage movement, and make-up. Reports and performance final.
Credits: 3.00
Equivalency: SCS 351/2135
Offered in the Fall Semester

FPA 235 Music in Film and Video
An overview of the evolution and use of music in film before and after the introduction of the sound track. The role of music will be studied and discussed using select examples of films and videotapes. Original compositions for films will be stressed, as well as innovative uses of existing scores.
Credits: 3.00
Offered in the Fall Semester

FPA 236 History of Popular Music in America
The history of popular music as a part of American culture will be examined starting with minstrel shows and the music of Stephen Foster and continuing through to Rock of the late twentieth century. Critical listening, including a basic understanding of the principles underlying music composition, and academic engagement of popular forms will be emphasized. This class is directed at developing an understanding of the history of and role popular music has played in the development of the American culture. Societal issues such as race, gender roles and politics will be discussed as well. Classroom use of recorded examples will be used, student analysis of critical commentary will be included, as well as student attendance at a live on-campus performance.
Credits: 3.00
Offered When Needed

FPA 237 Music in World Cultures
Music in World Cultures is the study of music and its place in the lives of peoples around the world and in the United States. Issues such as music and identity, music as a representation of a culture or ethnicity and the role of music in daily life will be discussed as well as the variety of musical instruments found throughout the world. Students will also have an opportunity to play world instruments as part of their study.
Credits: 3.00
Equivalency: FPA 237/496

FPA 238 Music History: Formations
Directed at developing an understanding and appreciation for the development of Western concert music from the early Middle Ages (c. 500) through the High Baroque period (c. 1750), including a study of the general principles underlying musical forms and the analysis and interpretation of these forms. Classroom use of recorded and live illustrations supplemented by required attendance at live performances.
Credits: 3.00

FPA 239 Music History: The Enlightened Mind
This class is directed at developing an understanding and appreciation for the development of Western concert music from the Classical period (c. 1750) through the modern era, including a study of the general principles underlying musical forms and the analysis and interpretation of these forms. Classroom use of recorded and live illustrations supplemented by required attendance at live performances.
Credits: 3.00
Offered in the Fall Semester

FPA 240 Introduction to World Dance Forms
This course examines the confluence of factors that affected the development of dance forms in selected Western and non-Western societies, through lecture, viewing, writing, and discussion. Emphasis will be on the dance of India, Japan, the Middle East, and the Ireland and British Isles. Dance viewings at Iona College and New York City required.
Credits: 3.00
Offered in the Spring Semester

FPA 244 Introduction to Ballet
An introduction to the art of ballet. Coursework includes study of ballet technique and history from classical to contemporary forms. Attendance at concerts is required.
Credits: 3.00
Offered in the Summer Offered in the Fall Semester
FPA 245 Introduction to Choreography
This course introduces students to the investigation, study and practice of dance composition. Focus is placed on basic choreographic principles such as shape, space, time and structure. Emphasis on the development of individual movement vocabulary through improvisation as expressed in the performance of solo phrases, duets and group work. Further consideration is given to the ideas and choreography of influential choreographers. Student work, as well as that of noted choreographers, is critiqued in classroom discussion and written work. Classroom warm-up with an emphasis on fundamental principles of movement is given during each class. Required attendance at three NY City dance concerts and one on-campus. Final open studio showing of student dances is presented to an invited audience.
Credits: 3.00

FPA 246 Digital Photography and Imaging Manipulation
This course will introduce students to the processes, methods and concepts of digital photography and the "virtual darkroom." It is designed to develop the foundation for the visual literacy required to read, interpret and create the photographic images of the 21st century. Basic visual elements of design underlying all photography and applied photography are introduced. Students engage in the creative process of producing photographs with the digital camera, learn to make "darkroom" adjustments on their images, and begin to explore the various techniques of image manipulation made possible in Photoshop. Students must have a digital camera of 3.0 mega pixels or more and connectors for computer download of images. Visit to NYC museum required.
Credits: 3.00

FPA 250 Modern Dance I
The principles and practice of modern dance. Focus on movement technique and expression, as well as the history and aesthetic beliefs of major contributors to the field. Attendance at concerts is required.
Credits: 3.00
Offered in the Summer

FPA 260 Introduction to Jazz Dance
Examination of the jazz dance idiom through movement, discussion, reading, writing and viewing. Course work focuses on the development of jazz as a distinctly American art form, from its African roots to its ever-evolving present.
Credits: 3.00

FPA 275 Women in Dance
The course examines the contributions and innovations of women choreographers, dancers, dance educators and dance critics. Focus is placed on how women have shaped the creation and profile of dance as an art form, the Western theatre, and what informs their artistic vision. Further consideration will be given to how society has evaluated, viewed and at a time directed the role of women in this discipline. Students will attend two concerts; one in New York City and one at Iona College. Coursework involves lecture, discussion and viewing of dance works.
Credits: 3.00
Equivalency: FPA/WST 275
Offered in Alternate Years

FPA 298 Dance Outreach
An exploration of creative approaches to integrating movement expression in the K-6 curriculum. Course work includes examination of basic movement principles and their applications in the classroom environment. Students will engage in on site practical experiences. Service learning course.
Credits: 3.00
Offered in the Fall Semester

FPA 304 Drawing and Painting II
A continuation of the principles and practice of drawing and painting begun in FPA 203 with emphasis on advanced techniques, new materials, and personal expression.
Credits: 3.00
Prerequisite: FPA 303 or permission of department chair
Equivalency: FAR104/304/2104
Offered in the Spring Semester

FPA 305 Acrylic Painting
This course is an introduction to acrylic painting, color relationships and the dynamics of pictorial space. Students will explore the technical and creative possibilities of acrylic painting on paper and canvas using the elements and principles of design and composition as guidelines. Actual studio experience, art appreciation, gallery study, individual and group critiques. Required NYC museum/gallery visits.
Credits: 3.00
Prerequisite: FPA 203 or equivalent to FAR 305

FPA 310 Watercolor I
Discovering through study of theoretical and technical aspects and by practical application, the great potential of watercolor as a means of personal, cultural, and artistic expression. Visit to NYC museum required.
Credits: 3.00
Prerequisite: FPA 303 or permission of instructor
FPA 312 Intermediate Sculpture
This course examines methods and concepts of beginning intermediate level sculpture, a survey of specified movements, and its historical overview. Student exploration will focus on technique, materiality, crafting, and process. Projects including: carving, clay and wax modeling, rubber mold making, casting and installation construction. Required NYC museum visit.
Credits: 3.00
Prerequisite: FPA 211
Offered in the Spring Semester

FPA 331 Acting II
A continuation of Acting I. Script analysis and characterization; introduction to styles of acting and dialects; rehearsal and performance techniques.
Required theatre practicum by participation in departmental theater production (assigned work in scenery, lighting, properties, sound, costuming, publicity, rehearsal and performance). Required attendance at NYC theatre event. Performance mid-term and final.
Credits: 3.00
Prerequisite: FPA 230 or department consent
Offered in the Spring Semester

FPA 340 Iona Dance Ensemble
The course focuses on the creation and performance of new dance works by resident faculty and guest choreographers. Choreographed works are developed, rehearsed and presented in public performance.
Required performance in dance works.
Credits: 3.00

FPA 341 Iona Dance Ensemble II
The course focuses on the creation and performance of new dance works by resident faculty and guest choreographers. Choreographed works are developed, rehearsed and presented in public performance.
Required performance in dance works.
Credits: 3.00
Prerequisite: one of the following courses or permission from the Dance Program Director: FPA 220, 240, 245, 250 or 260.
Offered in Fall & Spring

FPA 342 Iona Dance Ensemble III
The course focuses on the creation and performance of new dance works by resident faculty and guest choreographers. Choreographed works are developed, rehearsed and presented in public performance.
Required performance in dance works.
Credits: 3.00
Prerequisite: one of the following courses or permission from the Dance Program Director: FPA 220, 240, 245, 250 or 260.

FPA 343 Iona Dance Ensemble IV
The course focuses on the creation and performance of new dance works by resident faculty and guest choreographers. Choreographed works are developed, rehearsed and presented in public performance.
Required performance in dance works.
Credits: 3.00
Prerequisite: one of the following courses or permission from the Dance Program Director: FPA 220, 240, 245, 250 or 260.

FPA 359 Music Theory
This course examines the mechanics of music and how to work with them. Notation, scales, chords and melody will be studied leading to the composition of an original melody and the harmonizing of it. Work is conducted through class lecture and discussion and regular homework assignments.
Credits: 3.00
Offered When Needed

FPA 360 Instrumental Ensemble
The course entails the exploration of different musical instrument combinations in a group setting. This is an opportunity to develop and increase your skills on a musical instrument. Coursework includes learning to work with a conductor, learning new music, musical interacting and study of varied repertoire.
Credits: 3.00
Offered When Needed

FPA 361 Instrumental Ensemble II
The course entails the exploration of different musical instrument combinations in a group setting. This is an opportunity to develop and increase your skills on a musical instrument. Coursework includes learning to work with a conductor, learning new music, musical interacting and study of varied repertoire.
Credits: 3.00
Offered When Needed

FPA 362 Instrumental Ensemble III
The course entails the exploration of different musical instrument combinations in a group setting. This is an opportunity to develop and increase your skills on a musical instrument. Coursework includes learning to work with a conductor, learning new music, musical interacting and study of varied repertoire.
Credits: 3.00
Offered When Needed

FPA 391 Play Production: Theory and Application
An examination of the theory and practice of theatre and acting. Practical application includes participation in the Department of Performing Arts Theatre Production.
Credits: 3.00
Department Consent Required.
Offered When Needed
FPA 490 Special Topics in Art and Music
These courses will allow students to explore subjects not available in the regular fine arts curriculum. Offerings may include such courses as: Music and Religion, Religion and Art, Music and Technology, African Dance, African-Caribbean Dance, Laban Movement Analysis, Watercolor, Sculpture, Music in Film and Video, Figure Drawing and Painting, Ballet II, and History of Art. Students may take more than one special topic course. 
Credits: 3.00
Offered When Needed

FPA 491 Special Topics in Fine Arts
These courses will allow students to explore subjects not available in the regular fine arts curriculum. Offerings may include such courses as: Music and Religion, Religion and Art, Music and Technology, African Dance, African-Caribbean Dance, Laban Movement Analysis, Watercolor, Sculpture, Music in Film and Video, Figure Drawing and Painting, Ballet II, and History of Art. Students may take more than one special topic course. 
Credits: 3.00

FPA 492 Special Topics
These courses allow students to explore subjects not available in the regular fine arts curriculum. Offerings may include such courses as: Music and Religion, Religion and Art, Music and Technology, African Dance, African-Caribbean Dance, Laban Movement Analysis, Figure Drawing and Painting, Museum Study, History of Art.
Credits: 3.00

FPA 493 Independent Study in Fine and Performing Arts
For intermediate to advanced students who wish to continue to explore a specific area of visual art, music, or dance, under the guidance of a specific arts faculty. Emphasis on depth of research and creative output, student motivation and self-discipline. By arrangement with participating faculty and approval of the department chair.
Credits: 3.00
Department Consent Required.
Offered When Needed

FPA 497 Art and Photography
An introduction of the history and practice of photography with special emphasis on student self-expression through camera techniques (using commercial processing; no darkroom techniques) coupled with creative ideas and photographic concepts. Students will be guided through a “mastery list” of photo techniques and produce as a final project an original slide show combining images with music of their choice. Basic instruction in the use of a 35mm, SLR camera (required; no point-and shoot cameras allowed), film types, lens types, lighting, exposure principles, special techniques. Required museum and gallery visits.
Credits: 3.00
Equivalency: FAR497/397/4970

FPA2000 Art Appreciation
An introduction to the general principles of design underlying the many and diverse forms of visual art. Creativity, craftsmanship, expression, historical significance as seen in architecture, painting, and sculpture from prehistoric times to the contemporary scene in New York explored. Required museum and gallery visits.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: FPA2000/FPA200
Offered in Fall & Spring

FPA2020 Music Appreciation
The technique of listening, including a study of the general principles underlying all musical forms and the analysis and interpretation of these forms. Extended material covered in 19th century Western classical music through the 20th century. Directed at developing an ability to understand and enjoy music. Classroom use of recorded and live illustrations supplemented by required attendance at live performances.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: FPA202/FPA2020
Offered in Fall & Spring

FPA3170 Modern Art in NYC Collections
An exploration of development, practices and debates of modern, post modern and contemporary thought and art from the late 19th century in Western Europe and contemporary America. An investigation on nineties art and art related issues will embrace pluralism and multiculturalism. Slide lectures, required museum/gallery study, selected readings, research, discussion, film, videos and guest lectures.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: FPA3170/FPA317
Offered in Fall & Spring

FPA3200 Women and Art
This course is designed to disseminate much of the existing scholarship and to educate the student to the existence of a group of outstanding women artists. This course is useful to those enrolled in studio art, humanities and other women’s studies courses as it expands the student’s knowledge of the major issues concerning the historical position of women artists.
Emphasis on 20th century women artists to give a better appreciation of the immense impact of women artists on the art world since the last half of the 19th century. The course is limited to the contributions of women artists in Western civilization. Slide lecturing, readings, required museum/gallery study, research, videos, films, and guest lectures.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: FPA3200/320/WST320
Offered in the Spring Semester

FPA4980 Special Topics: Digital Photography and Imaging
An introduction to the history and practice of photography with special emphasis on student self-expression, through digital camera techniques and basic image manipulation processes, coupled with creative ideas and photographic concepts. Students will be guided through a "mastery list" of photo techniques and will produce, as a final project, an original slide show combining images with music of their choice. Basic instruction in the use of the camera, imaging software, lighting, exposure principles, special techniques. Students provide their own digital camera (5 megapixel or greater).
Required NYC museum visit
Credits: 4.00
Undergraduate Trimester Programs

FOREIGN LANGUAGES
FLA 100 Special Topics in Foreign Languages
A special topics elementary course focusing on a language different from those currently offered on a regular basis at the College. The course promotes the gradual development of the four language skills: comprehension, speaking, reading and writing.
Credits: 3.00

FLA 101 Special Topics in Foreign Languages
A special topics elementary course focusing on a language different from those currently offered on a regular basis at the College. The course promotes the gradual development of the four language skills: comprehension, speaking, reading and writing.
Credits: 3.00
Prerequisite: FLA 100
Offered in the Spring Semester

FLA 200 Special Topics in Foreign Languages
A special topics intermediate course focusing on a language different from those currently offered on a regular basis at the College. The object of the course is to continue to build a solid base in all four skills—speaking, listening, reading, and writing, as students are engaged in intermediate level grammatical structures and vocabulary. Prerequisite: Intermediate level in the language and permission of the department chair.
Credits: 3.00

FLA 201 Special Topics in Foreign Languages
A special topics intermediate course focusing on a language different from those currently offered on a regular basis at the College. The object of the course is to continue to build a solid base in all four skills—speaking, listening, reading, and writing, as students are engaged in intermediate level grammatical structures and vocabulary.
Credits: 3.00
Department Consent Required.
Prerequisite: FLA 200, intermediate level of the language and permission of the department chair
Offered in the Spring Semester

FLA 300 Special Topics in Foreign Languages
A special topics advanced course focusing on a language different from those currently offered on a regular basis at the College. This course treats advanced topics related to the history, culture, or literature in the target language. Advanced grammatical structures are presented as students approach advanced proficiency in the four skill areas: speaking, listening, reading, and writing.
Credits: 3.00

FRENCH
FRE 103 Elementary French 1
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts of contemporary literary works and the culture of the country. Three hours of class instruction and one hour of laboratory work per week. Credit only for students with no previous study of French.
Credits: 3.00
Equivalency: FRE 103 / CBE
Offered in the Fall Semester

FRE 104 Elementary French 2
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts of contemporary literary works and the culture of the country. Three hours of class instruction and one hour of laboratory work per week.
Credits: 3.00
Prerequisite: FRE 103
Equivalency: FRE 104 / CBE
Offered in the Spring Semester
FRE 210 Intermediate French 1
Review of the structure of the French language, intended to strengthen student's aural/oral comprehension, develop their ability in written composition and increase their appreciation of French literature and civilization.
Credits: 3.00
Prerequisite: FRE 104
Offered in the Fall Semester

FRE 211 Intermediate French 2
A further development of the student's ability to use spoken and written French with special emphasis on the appreciation of French culture through readings in literature and contemporary texts.
Credits: 3.00
Prerequisite: FRE 210 or equivalent
Offered in the Spring Semester

FRE 305 Advanced French Composition 1
A course in advanced composition whose object is to develop in the student the ability to write French with facility and correctness. Included are a review of grammar, consideration of stylistics, considerable out-of-class writing of essays, and some translations in French.
Credits: 3.00
Prerequisite: FRE 211
Equivalency: FRE 305 / CBE
Offered in the Spring Semester Offered in Alternate Years

FRE 306 Advanced French Composition 2
A course in advanced composition whose object is to develop in the student the ability to write French with facility and correctness. Included are a review of grammar, consideration of stylistics, considerable out-of-class writing of essays, and some translations into French.
Credits: 3.00
Prerequisite: FRE 211
Equivalency: FRE 306 / CBE
Offered in the Spring Semester Offered in Alternate Years

FRE 307 Advanced Conversation 1
The objective of this course is to develop the student's ability to speak French with facility and correctness. The course requires intensive practice in spoken French, directed conversation, oral reports and discussion of cultural and literary material read in preparation for the class.
Credits: 3.00
Prerequisite: FRE 211
Equivalency: FRE 307 / CBE
Offered in the Fall Semester Offered in Alternate Years

FRE 308 Advanced Conversation 2
The objective of this course is to develop the student's ability to speak French with facility and correctness. The course requires intensive practice in spoken French, directed conversation, oral reports and discussion of cultural and literary material read in preparation for the class.
Credits: 3.00
Prerequisite: FRE 211
Offered in the Fall Semester Offered in Alternate Years

FRE 311 Commercial French
A practical course in the vocabulary and idioms most used in commercial French language. Exercises in letter writing and reading and composition of reports. Especially geared towards those students who intend to work in international financial or business organizations. Taught in English and French.
Credits: 3.00
Department Consent Required.
Prerequisite: FRE 305
Offered in the Fall Semester

FRE 312 French Novel: From its Origins to Realism
A study of the French novel from its beginnings through Realism. Background lectures and critical analyses of selected works of major authors including Madame de LaFayette, Rousseau, Stendhal, Balzac, George Sand and Flaubert. Course conducted in French.
Credits: 3.00
Prerequisite: FRE 305
Offered When Needed

FRE 313 The French Theater: From its Origins to Romantics
A study of the theater in France from the medieval through the romantic period. Background lectures and critical analyses of selected plays of major authors including Corneille, Moliere, Racine, Marivaux, Beaumarchais, Hugo, Vigny an Musset. Course conducted in French.
Credits: 3.00
Prerequisite: FRE 305
Offered When Needed

FRE 314 Poetry And Short Story in France: Origins to the Eighteenth Century
A study of the masterpieces of poetry and the short story produced in France from the Middle Ages through the eighteenth century. Critical analyses of selected works of major authors including Villon, DuBellay, Ronsard, La Fontaine, Marie de France, Marguerite de Navarre and Voltaire. Course conducted in French.
Credits: 3.00
Prerequisite: FRE 305
Offered When Needed
FRE 417 The French Novel: The Contemporary Period
A study of the French novel from Naturalism to the present. Background lectures and critical analyses of selected works of major authors including Zola, Proust, Gide, Malraux, Mauriac, Sartre, Camus and Robbe-Grillet. Course conducted in French.
Credits: 3.00
Prerequisite: Fre 305
Offered When Needed

FRE 418 Contemporary French Theater
A study of the theater in France from the time of Scribe with 'la piece bien faite' and Dumas with 'la piece a these' through the Theater of the Absurd. Background lectures and critical analyses of selected plays of major authors including Becque, Rostand, Maeterlinck, Claudel, Giraudoux, Anouilh, Sartre, Beckett and Ionesco. Course conducted in French.
Credits: 3.00
Prerequisite: Fre 305
Offered When Needed

FRE 419 Poetry and the Short Story in France in the Modern Period
A study of the principal poets and short story writers of France from Romanticism to the present. Background lectures and critical analyses of selected major works by representative authors including Hugo, Lamartine, the Parnassians, the Symbolists, Peguy, Valery, the Surrealists, Daudet, Maupassant, Anatole France and Ayme. Course conducted in French.
Credits: 3.00
Prerequisite: Fre 305
Offered When Needed

FRE 421 French Civilization
Lectures and discussions on the geography, history, economy, and current problems, French architecture, literature, music, painting, and sculpture. Extensive use of audio-visual aids. Course conducted in French.
Credits: 3.00
Prerequisite: Fre 305
Equivalency: FRE 421 / CBE 126
Offered When Needed

FRE 452 Seminar in French Literature
A review of the great ideas and ideals learned in the liberal arts core curriculum in light of what has been taught in major courses, with a view to integrating for the students the two branches of their programs of studies. Readings, research and discussion of selected authors, works or genres of French literature.
Credits: 3.00
Department Consent Required.
Offered When Needed Capstone Course

FRE 453 Special Topics in French
The study of a selected topic concerning French or Francophone culture, language or literature.
Credits: 3.00
Department Consent Required.

FRE 490 Linked Internship in French
A supervised work experience tied to an Iona College advanced course in French that requires regular use of the French language at an advanced level. The work may be in a variety of fields and may typically take place in a company, institute or other educational institution. The student will work five to six hours a week over a period of eight to ten weeks. As the internship is designed to supplement and extend the goals of the course with which it is linked, and the student is required to meet regularly with the professor of the course, write reports related to the experience, and submit a final project.
Credits: 1.00
Department Consent Required.
Prerequisite: major or minor in French in good academic standing and nine credits (3 courses) in advanced courses in French (300 or 400 level); by recommendation of the Department of Foreign Languages

GEOGRAPHY
GEO 100-E Geo Elective
Geo Elective. Credits: 3.00

GEO 305 General World Geography
An introduction to the regions of the world through study of the role of environmental factors and resources - topography, climates, soils, vegetation, minerals and their impact upon human environment population, chief cultural features and economic activities.
Credits: 3.00
Equivalency: ECOBECGEO415/2500
Offered When Needed
GEO 360 Historical Geography
This course examines the role of landscape, natural resources, and environment in key historical events. Students will be introduced to classical and contemporary theories of the discipline and will examine case studies from both Western and non-Western centers of civilization.  
Credits: 3.00  
Equivalency: HST/GE0360

GEO 415 Economics of Global Resources  
Credits: 3.00  
Equivalency: ECOBECGEO415/2500  
Offered in the Fall Semester

GERMAN

GER 103 Elementary German 1  
Gradual development of the four language skills: Comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works of the German culture. Credit only for students with no previous study of German.  
Credits: 3.00  
Equivalency: GER 103 / CBE  
Offered in the Fall Semester

GER 104 Elementary German 2  
Gradual development of the four language skills: Comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works of the German culture. Credit only for students with no previous study of German.  
Credits: 3.00  
Prerequisite: GER 103  
Equivalency: GER 104 / CBE  
Offered in the Spring Semester

GER 203 Intensive Intermediate German  
Intensive review of the structure of the language intended to strengthen the student’s aural/oral comprehension and ability in written composition based on readings in modern literature.  
Credits: 3.00  
Prerequisite: GER 104  
Offered When Needed

GER 311 Commercial German  
This course is designed to prepare the businessman who must deal with situations in the German business world and at the social level. Extensive vocabulary building to meet everyday commercial encounters. Insights on German life and manners.  
Credits: 3.00  
Department Consent Required  
Offered When Needed

HISTORY

Courses may be classified as follows:

Core Curriculum: HST 101, 201. (Students may satisfy the core curriculum requirement in history by qualifying for assignment by the chair of the department to upper level courses.)

I. American History: HST 207, 208, 310, 315, 319, 335, 336, 337

II. European History: HST 341, 343, 348, 352, 368, 370, 372, 374

III. Non-Western History: HST 381, 382, 385, 391, 392, 393, 395, 396

IV. Colloquia, Seminars and Research: HST 301, 410, 490, 491, 492, 497, 499

HST 101 Evolution of Western Civilization  
The topical progression of the course will be chronological, from the age of Ancient Greece up to the end of the Cold War/beginning of the Global Era. Along with an exploration of the development of the institutions, ideologies and cultures which have both composed and characterized the West, this course will also introduce the interaction between Western and non-Western societies that has established both the present position as well as current perceptions of the West in world affairs. Not open to students who have taken HST 105.  
Credits: 3.00  
Offered in Fall & Spring

HST 201 Tradition and Modernity: The Challenges of the Non-Western World  
The history of the non-Western world will be considered topically with focused consideration on areas of contemporary historical significance. The scope of the analysis—early civilization, interaction with European powers during exploration and colonization, and the problems and potentials since decolonization and independence—will provide a nuanced understanding of historical development in troubled spots of the non-Western world. Not open to students who have taken HST 106.  
Credits: 3.00  
Prerequisite: HST 101 or 105  
Offered in Fall & Spring
HST 207 Growth of the American Republic
A topical history of the United States emphasizing European colonization, colonial government and society, the Revolution, problems of the new nation, westward expansion, Jacksonian Democracy, slavery, sectionalism and secession, the Civil War and Reconstruction.
Credits: 3.00
Equivalency: HST207/1101
Offered in the Fall Semester

HST 208 Emergence of Modern America
A topical history of America in the last century emphasizing the new industrialism, immigration, urbanization, the labor movement, populism and progressivism, two world wars, the New Deal, the United States as a world power, and the civil rights movements of the sixties.
Credits: 3.00
Offered in the Spring Semester

HST 301 The Study of History
An introduction to methodology and historiography. Methods of research and writing are practiced on the basis of readings in primary and secondary sources and in the works of great historians, past and present. The great historical writings will be treated in terms of their literary merits, and great historiographical controversies will be discussed. Selected problems in the theory and philosophy of history will be raised. Career opportunities for students majoring in history will be explored in light of the departmental curriculum. Must be taken no later than junior year for majors.
Credits: 3.00
Offered in the Fall Semester

HST 310 American Colonial History
A survey of colonial history emphasizing the political, economic and social foundations in European colonization, religious and intellectual development, Anglo-French rivalry and the colonial wars, colonial resistance to Britain, the American Revolution and its aftermath.
Credits: 3.00
Offered in Alternate Years

HST 315 Civil War and Reconstruction
A study of the causes and events leading to the war between the American states, political and economic developments in North and South, the military progress of the war and the role of President Lincoln. The course concludes with an analysis of the political, constitutional, economic, and social consequences of Reconstruction.
Credits: 3.00
Offered in Alternate Years

HST 319 America's Recent Past
A study of American history in the twentieth century with emphasis on the impact of the two world wars. The roles played by big government, the civil rights and protest movements, multinational corporations and modern unionism are examined.
Credits: 3.00
Offered in Alternate Years

HST 335 Development of American Foreign Relations
An examination of the diplomatic history of the United States to the Spanish-American War, including the origin and development of traditional policies, Manifest Destiny, Isolationism, and Expansionism.
Credits: 3.00
Offered in Alternate Years

HST 336 American Foreign Relations in the Modern Age
An examination of the diplomatic history of the United States in the twentieth century, including American involvement with Europe and Asia, American policy towards Latin America and Africa, and contemporary problems.
Credits: 3.00
Offered in Alternate Years

HST 337 The Immigrant Experience
A comparative study of European countries, emphasizing conditions in Italy, and of the problems facing the twentieth century immigrant in the United States. The process of acculturation is examined. The course will consist of lectures supplemented by selected readings, taped interviews with immigrants, and motion pictures.
Credits: 3.00
Offered in Alternate Years

HST 343 Europe in the Middle Ages
This course is a study of the important persons, trends, and events that shaped the story of early Europe from the sixth to the fourteenth centuries. Special attention is paid to Christianity, the Byzantine culture, the Germanic, Slavic and Arabic migrations, Islam and the formations of principalities and kingdoms on the European continent, as well as attempts to maintain or revive imperial ideas.
Credits: 3.00
Offered When Needed

HST 345 The History of Violence
This course will examine how some of the major eras in Western Civilization have enacted, contained, and comprehended violence. The course will help bolster students' understanding of: how violence has, at times, been integral to cultural and state formation; how violence has catalyzed cultural and
state deformation; and how perceptions of violence as a legitimate means of conflict-resolution have changed throughout history.

Credits: 3.00
Offered in the Spring Semester

HST 346 Renaissance and Reformation Europe
This course will cover the major political, intellectual, social and cultural developments in Western Europe from the beginning of the Italian Renaissance, approximately 350 AD, to the end of the Protestant Reformation in 1648.
Credits: 3.00

HST 351 Europe, 1648-1815: Age of Reason and Revolution
This course will examine the major political, social, intellectual and cultural issues of this highly influential period in European history from the end of the Reformation to the defeat of Napoleon. The class will closely consider the values and ideals born by the Scientific Revolution, Enlightenment Period, and French Revolution both for how they influenced their own times as well as for how they have impacted our present state.
Credits: 3.00

HST 360 Historical Geography
This course examines the role of landscape, natural resources, and environment in key historical events. Students will be introduced to classical and contemporary theories of the discipline and will examine case studies from both Western and non-Western centers of civilization.
Credits: 3.00
Equivalency: HST/GEO360

HST 368 Europe in the Contemporary World
A study of Europe’s position in the contemporary world since 1929. Beginning with an analysis of the concept and dimensions of contemporary history, the course examines the political, social, economic, and cultural developments of the major continental nations. These are considered in the context of Europe’s transition from economic depression and total war to economic and political integration in a bipolar world.
Credits: 3.00
Offered in Alternate Years

HST 370 The Development of Modern Russia
A critical study of Russian history, including Kievan Rus, the Orthodox Empire, the ‘Third Rome,’ and the process of Westernization and modernization under Peter the Great. The unique experience of Russia’s 19th century, ‘Red October,’ and the emergence of the first communist polity are examined. The main developments of Soviet and Post-Soviet history and culture are surveyed.
Credits: 3.00
Offered in Alternate Years

HST 372 History of Eastern Europe
The course examines the history of Eastern Europe in modern times (from the Ottoman conquest to the fall of the Soviet bloc). The course will concentrate on the political and socioeconomic factors which led to the rise of nationalism, fascism, communism in Bulgaria, Romania, Serbia, Poland, Hungary, Albania, and Czechoslovakia, as well as the unique situation of Yugoslavia. The role of the region in WWI and WWII, the postwar era, the cold war, Warsaw Pact, and its struggle to adopt new democratic principles will also be discussed.
Credits: 3.00
Offered in Alternate Years

HST 374 Revolution in the Modern World
A study of revolution and reaction in modern history. The course compares contemporary concepts and manifestations of revolution to the causes, course and consequences of the age of the Atlantic Revolution in the eighteenth and nineteenth centuries.
Credits: 3.00
Offered in Alternate Years

HST 381 African Civilization
This course traces the evolution of sites of civilization in Sub-Saharan Africa from earliest recorded times to the era of the slave trade. Special emphasis is placed on the impact of environmental advantages and constraints upon centers of civilization, the evolution of unique values and institutions in the civilizations under study, and the placing of events in early Sub-Saharan Africa into a global context.
Credits: 3.00
Offered in Alternate Years

HST 382 Africa in the Modern World
This course traces the history of Sub-Saharan Africa from the era of the slave trade to the present day. Key themes include the interaction of European and African culture as a result of the colonial experience, the independence movements, and a study of patterns of both problems and potentials in the era of independence.
Credits: 3.00
Offered in Alternate Years

HST 385 The Modern Middle East
This course will complement historical literature with geographic and ethnographic perspectives fundamental to an understanding of the area. Geographically, the course will include the Ottoman Empire in Europe and Asia, and its successor states - Turkey, Syria, Iraq, Israel, Jordan, and Egypt - as well as Saudi Arabia and Iran. Topically it will consider imperialism and nationalism; the world wars and independence; the Arab-Israeli conflict and regional politics; the cold war and the oil industry.
Credits: 3.00
Offered in Alternate Years
HST 391 China: From Confucianism to Communism
A survey of Chinese history, religion and culture which focuses on the traditional roots and the modernization experience. The achievements of major dynasties in the premodern period will be highlighted. The impact of foreign imperialism and the development of Chinese communism in the modern period will be emphasized.
Credits: 3.00
Offered in Alternate Years

HST 392 Japan: From Ancient Myth to Constitutional Monarchy
A survey of Japanese history, religion and culture which focuses on Japan’s preservation of its past while adapting to change. Emphasis will be placed on early court culture, the medieval Samurai ethos, the later seclusion period, twentieth-century imperialism and the Pacific War.
Credits: 3.00
Offered in Alternate Years

HST 393 A History of Southern Asia
A survey of Indian history, religion and culture which focuses on its traditional past and its modern experience. Emphasis will be placed on the role of religion in Indian history, on the British period in India, and on the emergence of the modern Indian nation.
Credits: 3.00
Offered in Alternate Years

HST 396 The Emergence of Modern Latin America
A study of Latin America during the nineteenth and twentieth centuries emphasizing the Wars of Independence; the role of the Church; the geographic, political, social, economic and cultural forces that shaped the development of the emerging Latin American nations; and the history of selected Latin American nations; United States-Latin American relations.
Credits: 3.00
Offered in Alternate Years

HST 410 Seminar in History
Research and readings in selected topics and problems.
Credits: 3.00
Department Consent Required.
Offered When Needed Department Approval Required

HST 411 Oral History: Methodology and Applications
This course will introduce students to the practice and craft of history by reading about theory and methodology, understanding background research, arranging and conducting interviews, transcribing, editing, and writing papers or developing other projects related to the oral histories they have collected. The main work of this course will be the “hands on” collection of oral history from individuals who have lived through key historical events.
Credits: 3.00
Offered When Needed

HST 490 Colloquium in History
A course involving classroom discussions based upon specific required readings in selected historical topics. Readings are usually drawn from original historical sources, as well as from standard monographs, special studies and critical articles in the field. Must be taken no later than junior years for majors.
Credits: 3.00
Offered in the Spring Semester

HST 491 Special Topics in History
These courses are designed to offer an intensive study opportunity in an area of specialization not covered in great depth by existing courses. Some of the topics which may be covered are: “The History of South Africa,” “Caribbean History,” “The Renaissance,” “Social History of Ireland,” “Irish Antiquity,” and “Formation of Evolution of the European Community.” Students may take more than one special topics course. Specific topics will be indicated when they are offered.
Credits: 3.00
Offered When Needed

HST 495 Internship
Internship in fields which develop and sharpen the student's experience with scholarship, preservation, collection, exhibition, awareness, marketing, and/or knowledge of history [and the career paths pertinent to a degree in history]. Conferences with designated faculty members and research reports will supplement the student's practical experience.
Credits: 3.00
Department Consent Required.
Offered When Needed

HST 497 Capstone in History
A course involving guided research and writing on selected historical topics, it is conducted through group discussions and critical analyses of written seminar papers as they progress.
Credits: 3.00
Prerequisite: HST 301 and Senior status
Offered in the Spring Semester Open to Seniors Only Capstone Course

HST 499 Supervised Reading and Research
An independent course of study concentrating on a specific topic approved by a faculty advisor. Students
will meet with an advisor on a regular basis for guidance and for the submission of progress reports.

Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

**HST1110 The World in the 20th Century**
Proceeding from an analysis of a world dominated by European powers, this course examines the key events and factors that caused the world’s transformation to its present state.

Credits: 4.00

Undergraduate Trimester Programs

**HONORS PROGRAM**
The Honors Degree Program includes a series of four unique and enriched humanities core courses. The Honors Humanities Seminar is an interdisciplinary and textual program of study that embodies the College’s commitment to provide a solid grounding in the liberal arts for all students, but which provides honors students with a unique opportunity to explore with greater intensity the texts and ideas that have shaped our world. The goal of the seminar is to play an integral role in the development of individuals who are familiar with major texts and ideas that have contributed significantly to the advancement of human civilization; who are able to see connections among various disciplines; who can think critically and frame arguments and develop independent thoughts; and who see the practical value of ideas in leading a productive and flourishing human life. It is designed to introduce students to the central concepts of philosophy, history, literature, and religious studies, enhanced by fine arts experiences.

This seminar is an interdisciplinary program consisting of four three-credit courses (listed below) that follow a basic historical sequence: Ancient, Medieval, Modern, and 19th and 20th Centuries.

**HON 101 Honors Humanities Seminar I**
The Honors Seminar is part of the Honors Program’s core curriculum. It is an interdisciplinary program which is designed to introduce students to the central concepts of philosophy, literature, history, and religious studies. The purpose of the course is to develop critical skills and qualities of mind necessary to a liberal education. This is done by introducing students to major writings in the humanities and by encouraging them to think about and discuss the ideas addressed in these works. This seminar involves mainly a multi-disciplinary exploration of the period that scholars usually designate as the 'Ancient World.' As in HON 101, students will continue to develop the critical thinking, communication, and writing skills essential for a liberal arts education by engaging with course texts in class discussions, written assignments, and oral presentations.

Credits: 3.00
Prerequisite: HON 101
Prerequisite: HON 101
Equivalency: HUM/HON 102
Offered in the Fall Semester Honors Program Course Department Approval Required

**HON 102 Honors Humanities Seminar II**
The Honors Seminar is part of the Honors Program’s core curriculum. It is an interdisciplinary program which is designed to introduce students to the central concepts of philosophy, literature, history, and religious studies. The purpose of the course is to develop critical skills and qualities of mind necessary to a liberal education. This is done by introducing students to major writings in the humanities and by encouraging them to think about and discuss the ideas addressed in these works. This seminar involves mainly a multi-disciplinary exploration of the period that scholars usually designate as the ‘Medieval Period.’ As in HON 101, students will continue to develop the critical thinking, communication, and writing skills essential for a liberal arts education by engaging with course texts in class discussions, written assignments, and oral presentations.

Credits: 3.00
Prerequisite: HON 101
Equivalency: HUM/HON 102
Offered in the Spring Semester Honors Program Course Department Approval Required

**HON 103 Honors Internship**
Internships for honors students in a variety of academic or career-related fields are pursued for academic credit. An internship proposal is subject to the approval of the Honors Program Director in consultation with the department in the area of the internship. The number of credits provided (1-3) may depend on the number of hours being worked and/or the quality of the work experience. This will be determined by the Honors Program Director in consultation with the faculty member supervising the internship. Conferences with the faculty, research reports and other requirements as determined by the faculty will supplement the student’s practical experience.

Credits: 3.00
Prerequisite: HON 101

**HON 109 Communication Skills: Composition for Honors Degree Program**
An advanced writing course, required of all students in the Honors Program. Through challenging readings drawn from the humanities, social and natural sciences, and business, students will review the strategies of exposition, argument, and research that are essential to college-level inquiry. Using an approach to writing
that proceeds recursively through the stages of drafting and revision, students will develop their ability to present substantive and balanced arguments, written in clear and convincing prose. 
Credits: 3.00  
Department Consent Required.  
Equivalency: ENG 130 / HON 109  
Offered in the Fall Semester Honors Program Course Department Approval Required

HON 110 Logic and Critical Thinking  
This course is an introduction to argumentation and critical thinking. It will examine arguments in ordinary language, the varied uses of language, informal fallacies, and the difference between deductive and inductive reasoning. Emphasis is placed on argument as a linguistic activity and arguments will be examined as they occur in actual settings. In addition students may study some basic elements of formal logic. A central element in the course will be the application of the principles of argumentation in an analysis of a contemporary issue or set of issues. Themes could be chosen, for example, from current legal, social, political, moral or scientific debates. 
Credits: 3.00  
Prerequisite: HON 101  
Offered in the Spring Semester Honors Program Course Department Approval Required

HON 201 Honors Humanities Seminar III  
The Honors Seminar is part of the Honors Program’s core curriculum. It is an interdisciplinary program which is designed to introduce students to the central concepts of philosophy, literature, history, and religious studies. The purpose of the course is to develop critical skills and qualities of mind necessary to a liberal education. This is done by introducing students to major writings in the humanities and by encouraging them to think about and discuss the ideas addressed in these works. This seminar involves mainly a multi-disciplinary exploration of the period that scholars usually designate as the ‘Modern World.’ As in HON 101 and 102, students will continue to develop the critical thinking, communication, and writing skills essential for a liberal arts education by engaging with course texts in class discussions, written assignments, and oral presentations. 
Credits: 3.00  
Prerequisite: HON 101  
Offered in the Spring Semester Honors Program Course Department Approval Required

HON 202 Honors Humanities Seminar IV  
The Honors Seminar is part of the Honors Program’s core curriculum. It is an interdisciplinary program which is designed to introduce students to the central concepts of philosophy, literature, history, and religious studies. The purpose of this course is to develop critical skills and qualities of mind necessary to a liberal education. This is done by providing students with a multi-disciplinary exploration of the period that can loosely be called “The Contemporary Age.” Students are given the chance to study key texts from the nineteenth century to the present day that both reflected and shaped the development of today’s world. In the process, the course seeks to provide a critical appreciation of the artistic, literary, philosophical, theological, and historical trends that defined the contemporary era. It is also intended to serve as the culmination of the humanities sequence, and will encourage students to consider how the intellectual, cultural, and religious currents of this period relate to those covered in HON 101, 102, and 201. Furthermore, students will continue to develop the critical thinking, communication, and writing skills essential for a liberal arts education by engaging with course texts in class discussions, written assignments, and oral presentations. 
Credits: 3.00  
Prerequisite: HON 101  
Equivalency: HUM/HON 202  
Offered in the Spring Semester Honors Program Course Department Approval Required

HON 301 Honors Pro-Seminar: Introduction to Thesis Research  
The Honors Pro-Seminar will introduce juniors in the Honors program to the basics of conducting independent research in their particular discipline. These will be small classes of students interested in pursuing research in similar fields. Depending on the discipline, this may include abstract and proposal writing, research methodology, constructing a research plan, organizing, and synthesizing information, thesis writing strategies, producing a viable thesis, etc. The course will be taught by an honors faculty member with research expertise in the students’ broad area of interest – Business, Humanities, Natural Science, or Social Science. 
Credits: 1.00  
Prerequisite: HON 101  
Offered in the Fall Semester Honors Program Course

HON 302 Guided Honors Thesis Research I  
This course is an independent study during which Honors students in the Spring semester of their Junior year begin the research which will culminate in their Senior Honors Thesis. Under the guidance of their thesis advisor the student will begin their research as outlined in their Thesis Proposal. This is a highly individualized process and the assignments and expectations of the course are determined by each Thesis Advisor. 
Credits: 1.00  
Prerequisite: HON 101  
Offered in the Spring Semester Honors Program Course
**HON 320 Junior Honors Colloquium**
The seminar introduces students to the research methods of various disciplines in order to prepare them for their upcoming thesis proposal and research. Students will read and discuss articles and essays from a range of disciplines in terms of the structure, methodology, and content of each piece. The seminar will also introduce students to the basics of independent research, including abstract and proposal writing, presenting ideas to a group, constructing a research plan, organizing, and synthesizing information, and producing a viable thesis. A portion of the course will also be devoted to aspects of professional development, including: presenting work, applying for prestigious grants/scholarships, post-undergraduate opportunities, and so on.
Credits: 3.00
Prerequisite: HON 101
Offered in the Fall Semester Honors Program Course
Department Approval Required

**HON 391 Special Topics in Honors**
Special courses designed for Honors students and non-Honors students who meet the following requirements (recommended by the Chair of their major department or the faculty member teaching the course; in their third+ semester of study; and have a GPA of 3.5 or higher). These courses will be offered periodically and provide honors students with opportunities to study a variety of topics, most likely interdisciplinary, although they may be focused on a particular field. These courses may be team-taught or offered by a single-faculty member. They will emphasize reading and discussion of primary texts, development of advanced writing, oral communication skills, and critical thinking. They may include experiential learning such as field trips. These courses will fulfill elective credits toward graduation.
Credits: 3.00
Department Consent Required.

**HON 402 Guided Honors Thesis Research II**
This course is an independent study during which Honors students in the Fall semester of their senior year will finish the research and production of their Senior Honors Thesis. Under the guidance of their thesis advisor the student will conclude their research as outlined in their Thesis Proposal and started in the Spring of the junior year I HON 402. This is a highly individualized process and the assignments and expectations of the course are determined by each Thesis Advisor.
Credits: 2.00
Prerequisite: HON 101
Offered in the Fall Semester Honors Program Course

**HON 410 Senior Research for Honors Degree Program Studies**
A two-semester sequence culminating in the writing of an honors thesis. The student develops and explores a topic with a mentor of his or her choice and, upon completion, presents the thesis to students, faculty and parents. HON 410 is a 0 credit course taken during Spring of junior year. Students will be given a grade of P/F at the end of the semester. HON 420 is a 3 credit course taken during Fall of senior year. The student’s thesis advisor is listed as the faculty of record for this course.
Credits: .00
Prerequisite: HON 101
Offered in Fall & Spring Honors Program Course
Department Approval Required

**HON 420 Senior Research for Honors Degree Program Studies**
A two-semester sequence culminating in the writing of an honors thesis. The student develops and explores a topic with a mentor of his or her choice and, upon completion, presents the thesis to students, faculty and parents. HON 410 is a 0 credit course taken during Spring of junior year. Students will be given a grade of P/F at the end of the semester. HON 420 is a 3 credit course taken during Fall of senior year. The student’s thesis advisor is listed as the faculty of record for this course.
Credits: 3.00
Prerequisite: HON 101
Offered in Fall & Spring Honors Program Course
Department Approval Required

**INFORMATION SYSTEMS**

**IS 301 Applied Statistical Analysis**
An intensive study of intermediate statistics to permit the student to learn key concepts by actually performing the steps necessary to formulate problems, run actual data on the computer and analyze the results. Topics include sampling concepts and methods, forecasting techniques, analysis of variance and nonparametric statistics.
Credits: 3.00
Prerequisites: BUS 150 and BUS 210
Offered When Needed Not Liberal Arts

**IS 302 Applied Optimization Methods**
Development of significant techniques of mathematical programming with applications to business decision making. Topics include linear programming and extensions, network models, integer programming, nonlinear and dynamic programming. Practice problems will be run on the computer.
Credits: 3.00
Prerequisites: BUS 150 and BUS 320
Offered When Needed Not Liberal Arts
IS 310 Analysis and Design of Management Information Systems
Topics covered in the lectures and readings are systems development life cycle prototyping, analysis and design tools, techniques and objectives, and hardware/software evaluation and selection. The course involves the class in a development project in which the material studied in the course will be utilized. Project assignments include determination of user requirements, logical and physical design, building the data dictionary, and the development and testing of software modules. Also considered are the writing of end-user procedures manuals and user training. Classes will include hands-on sessions in the use of the CASE tool that will be used for the course project.
Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT310
Offered in the Fall Semester Not Liberal Arts

IS 315 Information and Decision Technology in Sports and Gaming
This course explores the application of information technology to athletics at both the collegiate and professional levels. The analysis extends to the application of decision technology to sports and gaming. Students in the course will complete a research paper and presentation as part of the assessment procedure.
Credits: 3.00
Prerequisites: BUS 150, BUS 210
Offered When Needed Not Liberal Arts

IS 320 Applications Development with Visual Basic
This course will emphasize computer applications development in order to implement solutions to systems in a business environment. The applications development tool of Visual Basic will be utilized. Students will build on their knowledge of spreadsheets and databases by exploring visual basic extensions to those applications development generators. The power of the development language will be applied to the design and development of a significant course project which will be presented to the class using presentation software systems.
Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT320
Offered in the Fall Semester Not Liberal Arts

IS 335 Database Management
This course presents an introduction to database management. The student will study data relationships, data structures, normalization of data, data modeling, and database methods. The student will design the conceptual, logical and physical view of a specific database. The course utilizes a hands-on approach with practical problems used as theory reinforcement. In addition to homework assignments, the student will have a major project on database design which will be presented to the class.
Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT335
Offered in the Spring Semester Not Liberal Arts

IS 355 Internet Applications in Business
A brief history of the Internet is presented. The features of the Internet are explored in a hands-on manner. Topics include e-mail, FTP, Telnet and a review of existing search engines. The role of Intranets in organizations is evaluated as a viable alternative to other networks. An Internet applications development system will be utilized in the creation and implementation of WEB pages. An Internet-related course project is required.
Credits: 3.00
Prerequisite: BUS 150
Offered in the Fall Semester Not Liberal Arts

IS 420 Decision Support Systems
The course presents characteristics of Decision Support Systems, computer-based information systems that attempt to meet the information needs of management by stimulating a person/machine interaction. Central to the course is a focus on DSS analysis, design, and building techniques, which are then applied to a student project. Additional topics include decision making, user-driven computing, DSS languages, organizational issues and implications of artificial intelligence. Selections from the current DSS literature will be discussed and evaluated. A course project is required.
Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT420
Offered in the Spring Semester Not Liberal Arts

IS 425 Building Client/Server Applications
This course will emphasize computer applications development in a client/server computing environment. A client/server model is presented and contrasted with other types of systems implementation. Primary emphasis is given to designing and developing applications systems using a fourth generation development language appropriate for the client/server platform. Issues of managing this technology are discussed. A course project is required.
Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT425
Offered in the Spring Semester Not Liberal Arts

IS 430 Managing Network Systems
The features of centralized, decentralized and distributed systems are examined. The impact of distributed systems on the business enterprise is
evaluated using case studies describing systems currently available. Technology implications of computer hardware, software and communications are discussed as they relate to the design, development, and implementation of various types of distributed data processing systems. A course project is required.

Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT430
Offered in the Spring Semester Not Liberal Arts

IS 431 Building Mobile Business Applications
This course covers how to develop business applications for mobile platforms. Sample mobile business applications will be dissected, and tool suites for the development of mobile software will be covered, including programming languages, frameworks, libraries and integrated development environments. Topics include: design of mobile user interfaces, application life-cycle, multi-threading, inter-process communication, data persistency, content providers, background services, geo-location and mapping, networking and web services, telephony, messaging, graphics, performance, and security. The target computing environment changes overtime; currently the course mainly explores the Android Operating system and its supporting SDK, but sample apps for iPhone will be discussed as well. We will begin by using simulators before porting to actual devices.

Credits: 3.00
Prerequisite: BUS 150
Offered in the Fall Semester

IS 432 Application of Information Systems Analysis to Business
Business models are used to describe and classify businesses (especially in an entrepreneurial setting), but they are also used by managers inside companies to explore possibilities for future development. This course analyzes the design, and the transformation of business enterprises. The analysis is done by investigating the main business goals of the organization, e.g. strategic business objectives, critical success factors and key performance indicators. Models to be analyzed include: Bricks and Clicks Business Models, Collective Business Models, Cutting out the Middleman Model, Direct Sales Model, and Franchise Model.

Credits: 3.00
Prerequisite: BUS 150
Offered in the Spring Semester

IS 435 Risk Analysis and Decision Technology
Decision technology to support risk management for an organization is the main topic of this course. Methods to plan for business continuity given the inherent aspect of uncertainty and risk are addressed. Topics include: risk assessment, project risk, control measures, business impact analysis, business continuity strategies, sources of knowledge, data and analytical models, structuring decisions, complex decision making, feasibility analysis of alternatives, sensitivity analysis, modeling uncertainty, simulation, value of information, modeling preferences, risk attitudes, conflicting objectives, and information technologies in crisis and disaster management. A wide range of threats, vulnerabilities and risks will be addressed and the most useful decision technologies in developing strategies and plans will be addressed.

Credits: 3.00
Prerequisites: BUS 150 and BUS 210
Offered When Needed Not Liberal Arts

IS 440 Audit and Control of Information Systems
This course introduces the concepts of computer-based auditing and control of information systems. Various types of layered control structures are discussed in the context of a secure environment. Hardware, software and personnel controls are presented along with audit strategies for successful implementation. Audit programs for advanced concepts in information systems (database, networks) are developed. A course project implementing CAAT is required.

Credits: 3.00
Prerequisite: BUS 150
Equivalency: MIS/IDT440
Offered in the Fall Semester Not Liberal Arts

IS 450 Seminar in Information Systems
An advanced course in information systems that will focus on a special topic or theme. This course is designed as a vehicle to explore current and emerging technologies in the field. A significant project is required.

Credits: 3.00
Prerequisite: BUS 150. For Information Systems majors only
Not Liberal Arts

IS 461 Independent Study in Information Systems
Students undertake an advanced, specialized study project not covered by the regular course offerings. Students participate in individual conferences with a faculty member to plan, execute, and discuss the project.

Credits: 3.00
Department Consent Required.
Prerequisites: BUS 150 and Senior Standing
Offered When Needed Open to Seniors Only Not Liberal Arts

IS 462 Independent Study in Information Systems
Students undertake an advanced, specialized study project not covered by the regular course offerings.
Students participate in individual conferences with a faculty member to plan, execute and discuss the project.
Credits: 3.00
Department Consent Required.
Prerequisites: BUS 150 and Senior Standing
Offered When Needed Open to Seniors Only Not Liberal Arts

**IS 463 Independent Study in Information Systems**
Students undertake an advanced, specialized study project not covered by the regular course offerings. Students participate in individual conferences with a faculty member to plan, execute, and discuss the project. 1-3 credits
Credits: 3.00
Department Consent Required.
Prerequisite: BUS 150 and Senior standing
Offered When Needed Open to Seniors Only Not Liberal Arts

**IS 465 Internship in Information Systems**
Students must carry out a supervised work project under the direction of a faculty member and a designated executive from either a for-profit or a not-for-profit enterprise. A report based on the learning experience and submitted for joint review must be completed for credit to be awarded.
Credits: 3.00
Department Consent Required.
Prerequisite: BUS 150
Equivalency: MIS/IDT465
Offered in Fall & Spring Not Liberal Arts

**INTERNATIONAL STUDIES**

**IDS 300 Business Communications**
A study of the theory and practice of effective oral and written communication skills in a business environment; skill development through the use of videotaping and other technology; demonstration of proficiency in writing, speaking, and listening required.
Credits: 3.00
Prerequisites: ENG 120 and SCS 101
Offered When Needed

**IDS 451 Legislative Internship**
This program gives students firsthand knowledge of the legislative process. Interns perform research and administrative tasks important in the daily operation of a legislative office. Students approved by Iona's campus liaison and accepted by the New York State Senate/Assembly or United States Senate Intern Committee, or counterpart legislative internship liaison organization, spend thirty hours per week in a semester-long program and meet academic requirements established by Iona.
Credits: 12.00
Department Consent Required.
Offered When Needed

**INTERDEPARTMENTAL STUDIES**

**IDS 100-FA Consortia**
Consortia FA
Credits: 3.00

**IDS 110 Introduction to Business**
This course provides an overview to the fundamentals of business. It introduces students to the language and functions of business through its various disciplines: law, management, marketing, accounting, finance, information and decision technology management and production and operations management. Emphasis will be placed on the ethical and international dimensions of business within these disciplines. Designed for students who are unsure of their interest in business and would like to explore their options in a course.
Credits: 3.00
Offered in the Fall Semester

**INTERNATIONAL STUDIES**

**IST 402 Independent Study for International Studies Majors**
Survey and integration of the fundamental principles of the program with assigned readings, discussions, and a research paper or project under the supervision of an instructor. Open only to seniors in International Studies.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior status
Offered in Fall & Spring Open to Seniors Only

**IST 403 Internship for International Studies**
Students participate in a supervised off-campus work experience in an international corporation or organization in the United States or abroad, such as an airline, bank, airport, brokerage firm, travel agency, the United Nations, import-export company, multinational, the fashion or film industries, foreign consulate, chamber of commerce, etc. Students report regularly to the coordinator and submit materials to meet the academic requirements for the course.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior status
Offered in Fall & Spring Open to Seniors Only
**IST 491 Special Topics in International Studies**
This course examines some of the key problems, debates, and issues in global politics today. Emphasis will be placed on the role of national and international institutions, and non-governmental organizations in identifying and seeking to address global problems.
Credits: 3.00
Offered in the Spring Semester

**ITALIAN**

**ITA 103 Elementary Italian 1**
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works and Italian culture. Credit only for students with no previous study of Italian.
Credits: 3.00
Equivalency: ITA103/1401
Offered in the Fall Semester

**ITA 104 Elementary Italian 2**
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works and Italian culture. Credit only for students with no previous study of Italian.
Credits: 3.00
Prerequisite: ITA 103
Equivalency: ITA10401/104
Offered in the Spring Semester

**ITA 109 Basic Italian Language and Culture**
This course will focus simultaneously on the fundamentals of the Italian language and Italian culture and history. Intended for students with no prior formal study of Italian, it is designed to be taken in conjunction with ITA 103, complementing this course by exploring areas of grammar not typically treated in ITA 103, such as the imperative and the past and future tenses will be through intensive drills and practice and by practicing in conversational settings learned structures. This course will also emphasize attainment of basic reading skills that will enable the student to access simple, but authentic texts. Longer readings in English that treat broad issues of Italian history and culture may be assigned.
Credits: 3.00
Corequisite: ITA 103

**ITA 203 Intensive Intermediate Italian**
Intensive review of the structure of the language intended to strengthen students' oral comprehension and ability in written composition based on reading in modern literature. Three hours of class instruction and one hour of laboratory work.
Credits: 3.00
Prerequisite: ITA 104
Equivalency: ITA 203 / CBE
Offered in the Fall Semester

**ITA 205 Intermediate Italian Language and Culture**
This course will balance the concern for providing instruction in language skills with a strong view toward presenting Italy’s regions through a systematic and lively survey of the characteristics and customs unique to each region.
Credits: 3.00
Prerequisite: ITA 203 or equivalent or permission of Chair.

**ITA 209 The Italian People and Their Culture 1**
An intensive on-the-scene study of Italy; a research into its past and present with visits to Rome, the Vatican, Castelgandolfo, Florence, Pisa and other locales rich in history, tradition, and culture. This course is open to non-majors of Italian and fulfills part of the present language requirement at Iona College. Offered in the Winter session when interest warrants.
Credits: 3.00
Prerequisite: ITA 104
Offered When Needed

**ITA 224 Italian Conversation 1**
Conversation based on everyday topics and on readings taken from a wide range of current events in newspapers and/or magazines. The primary aim is to develop a speaking ability in Italian. Three hours of class instruction and one hour of laboratory work per week.
Credits: 3.00
Prerequisite: ITA 104
Equivalency: ITA 224 / CBE
Offered in the Fall Semester

**ITA 225 Italian Conversation 2**
Further conversation based on everyday topics and readings of current events in various periodicals. The primary aim of the course remains to develop a speaking ability in Italian. Three hours of class instruction and one hour of laboratory work per week.
Credits: 3.00
Prerequisite: ITA 224
Offered in the Spring Semester

**ITA 301 Survey of Italian Literature 1**
Historical survey of Italian literature from its origins to the present day. Reading of selections from the works of the most representative authors, with special attention to the fourteenth century, the Renaissance,
and the nineteenth and twentieth centuries. Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 225
Offered in the Fall Semester Offered in Alternate Years

**ITA 302 Survey of Italian Literature 2**
Historical survey of Italian literature from its origins to the present day. Reading of selections from the works of the most representative authors, with special attention to the fourteenth century, the Renaissance, and the nineteenth and twentieth centuries. Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 225
Offered in the Spring Semester Offered in Alternate Years

**ITA 305 Advanced Italian Composition 1**
Course in advanced composition intended to develop the ability to write Italian with ease and correctness. Included are a review of grammar, consideration of stylistics, considerable writing of free essays, and translation into Italian.
Credits: 3.00
Prerequisite: ITA 203
Offered in Fall & Spring Offered in Alternate Years

**ITA 306 Advanced Italian Composition 2**
Course in advanced composition intended to develop the ability to write Italian with ease and correctness. Included are a review of grammar, consideration of stylistics, considerable writing of free essays, and translation into Italian.
Credits: 3.00
Prerequisite: ITA 203
Equivalency: ITA 306 / CBE
Offered in Fall & Spring Offered in Alternate Years

**ITA 307 Advanced Italian Conversation 1**
Intensive practice in spoken Italian. There will be directed conversation, oral reports, and discussion in class on topics of general interest taken from current events and cultural material.
Credits: 3.00
Prerequisite: ITA 225
Equivalency: ITA 307 / CBE
Offered in Fall & Spring Offered in Alternate Years

**ITA 308 Advanced Italian Conversation 2**
Intensive practice in spoken Italian. There will be directed conversation, oral reports, and discussion in class on topics of general interest taken from current events and cultural material.
Credits: 3.00
Prerequisite: ITA 225
Equivalency: ITA 308 / CBE
Offered in Fall & Spring Offered in Alternate Years

**ITA 309 The Italian People and Their Culture 2**
An intensive on-the-scene study of Italy; a search into its past and present with visits to Rome, the Vatican, Castelgandolfo, Florence, Pisa and other locales rich in history, tradition and culture. This course is open to majors and advanced students. Conducted in Italian.
Credits: 3.00
Offered When Needed

**ITA 311 Italian for the Business World**
A practical course in Italian structural forms and idioms used in today's financial and business language. Extensive vocabulary building is designed to meet the needs of daily commercial and social encounters. Exercises in letter writing and reading and composition of reports. Course conducted in Italian.
Credits: 3.00
Department Consent Required.
Prerequisite: ITA 305
Offered in the Spring Semester Offered in Alternate Years

**ITA 313 The Italian Theater**
A survey of the Italian theater from the beginning to the present era. Attention to the position it holds in Italian literature and to its influence on world literature.
Credits: 3.00
Prerequisite: ITA 305
Offered in the Spring Semester Offered in Alternate Years

**ITA 401 Dante 1**
‘The Divine Comedy’ will be stressed. Selections from the minor works, ‘Convivio’ and ‘Vita Nuova’ will be read and discussed. Lectures on ‘De Monarchia’ and ‘De Vulgari Eloquentia.’ Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 305
Offered in Fall & Spring Offered in Alternate Years

**ITA 402 Dante 2**
‘The Divine Comedy’ will be stressed. Selections from the minor works, ‘Convivio’ and ‘Vita Nuova’ will be read and discussed. Lectures on ‘De Monarchia’ and ‘De Vulgari Eloquentia.’ Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 305
Offered in Fall & Spring Offered in Alternate Years

**ITA 414 Twentieth Century Italian Narrative**
A study of the major narrative works of the century. Readings will be chosen from the representative authors of verismo, decadentism, naturalism and neo-realism. Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 305
Offered Spring Semester Alt Yr
ITA 415 Twentieth Century Italian Theater and Poetry
A study of the major theatrical and poetic works of the century. Readings will be chosen from the fin du siecle to the experimentalists. Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 305
Offered Spring Semester Alt Yr

ITA 421 Italian Civilization
The development of the Italian nation from the Roman Empire to the present day; outline of political history and cultural achievements; study of Italian painting, sculpture, architecture, music and literature; current problems; impact on the Western World. Course conducted in Italian.
Credits: 3.00
Prerequisite: ITA 305
Offered in the Spring Semester offered in alternate Years

ITA 422 Italian Cinema
A study of Italian Cinema from a variety of cultural, artistic and historical perspectives from its origins in the first years of the 20th century to the present. The course centers on several of the great masterpieces of Italian cinema that emerged after World War II, often viewed under the rubric of neorealism. Issues include: the relation of the Italian film tradition to that of other nations; the relation of film to literature and theater; the questions of dramatic unity and verisimilitude in the presentation of plot and character; the social message or hidden assumptions of the writers and directors; and technical innovations. Course conducted in Italian.
Credits: 3.00

ITA 450 Seminar in Italian Literature
A review of the great ideas and ideals learned in the liberal arts core curriculum in light of what has been taught in major courses, with a view to integrating for the students the two branches of their programs of studies. Readings, research and discussions of selected authors, works or genres of Italian literature.
Credits: 3.00
Department Consent Required.
Offered in the Spring Semester Capstone Course

ITA 453 Special Topics in Italian
Credits: 3.00
Department Consent Required.

ITA 490 Linked Internship in Italian
A supervised work experience tied to an Iona College advanced course in Italian that requires regular use of the Italian language at an advanced level. The student will work five to six hours a week over a period of eight to ten weeks. As the internship is designed to supplement and extend the goals of the course with which it is linked, and the student is required to meet regularly with the professor of the course, write reports related to the experience, and submit a final project.
Credits: 1.00
Department Consent Required.
Prerequisite: major or minor in Italian in good academic standing and nine credits (3 courses) in advanced courses in Italian (300 or 400 level); by recommendation of the Department of Foreign Languages

ITA 495 Internship in Italian
A supervised work experience tied to an Iona College advanced course in Italian that requires regular use of the Italian language at an advanced level. The work may be in a variety of fields and may typically take place in a company, institute or other educational institution. The student intern is required to meet regularly with an internship advisor from the full-time faculty in Italian, write reports related to the experience and submit a final project.
Credits: 3.00
Department Consent Required.
Prerequisite: Major or minor in Italian in good academic standing and nine credits in advanced courses in Italian (300-400 level); by recommendation of the Department of Foreign Languages

JAPANESE

JPN 103 Elementary Japanese I
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works and Japanese culture. Three hours of class instruction and one hour of laboratory work per week. Credit only for students with no previous study of Japanese.
Credits: 3.00
Offered in the Fall Semester

JPN 104 Elementary Japanese II
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction to short excerpts from contemporary literary works and Japanese culture. Three hours of class instruction and one hour of laboratory work per week. Credit only for students with no previous study of Japanese.
Credits: 3.00
Prerequisite: JPN 103
Offered in the Spring Semester
JPN 203 Intermediate Japanese I
Designed to review the structure of the language, to strengthen the student's aural/oral ability to communicate in basic everyday life situations in Japanese, and to introduce Katakana and Hiragana, two of the three main types of Japanese characters.
Credits: 3.00
Prerequisite: JPN 104
Offered When Needed

JPN 204 Intermediate Japanese II
Designed to review the structure of the language, to strengthen the student's aural/oral ability to communicate in basic everyday life situations in Japanese, and to introduce Katakana and Hiragana, two of the three main types of Japanese characters.
Credits: 3.00
Prerequisite: JPN 104
Offered When Needed

LATIN

LAT 103 Elementary Latin 1
The fundamentals of the Latin language. Emphasis on grammar, forms and speedy development of reading skills. Selected readings from Classical through Medieval and Renaissance literature. The Latin roots underlying English vocabulary. Credit only for students with no previous study of Latin.
Credits: 3.00
Offered in the Fall Semester

LAT 104 Elementary Latin 2
The fundamentals of the Latin language. Emphasis on grammar, forms and speedy development of reading skills. Selected readings from Classical through Medieval and Renaissance literature. The Latin roots underlying English vocabulary. Credit only for students with no previous study of Latin.
Credits: 3.00
Prerequisite: LAT 103
Offered in the Spring Semester

LAT 203 Intermediate Latin 1
Review of the fundamentals of the Latin language. Appreciative readings of Caesar, Cicero, Ovid, Vergil, the Psalter, the Latin Church Fathers. The role of Latin in the development of later European language and letters.
Credits: 3.00
Prerequisite: LAT 104
Offered When Needed

LAT 204 Intermediate Latin 2
Review of the fundamentals of the Latin language. Appreciative readings of Caesar, Cicero, Ovid, Vergil, the Psalter, the Latin Church Fathers. The role of Latin in the development of later European language and letters.
Credits: 3.00
Prerequisite: LAT 104
Offered When Needed

LAT 301 Latin Verse
The course is a reading class focusing on Roman Poetry. Daily translations will accompany vocabulary and language reviews.
Credits: 3.00
Prerequisite: LAT 203 or equivalent

LAT 302 Latin Prose
The course is a reading class focusing on Roman prose authors. Daily translations will accompany vocabulary and grammar reviews.
Credits: 3.00
Prerequisite: LAT 203 or equivalent

LAT 303 Medieval Latin
The course is a reading class focusing on Medieval Latin. Daily translations will accompany vocabulary and grammar reviews.
Credits: 3.00
Prerequisite: LAT 203 or equivalent

MANAGEMENT

MNG 315 Collective Bargaining
Development of the problems and challenges of the contemporary collective bargaining process. Contract negotiation principles and procedures, and contract administration, with emphasis on grievance procedures, are explored in-depth, as well as the public policy framework within which collective bargaining takes place. A critical examination is also made of the most important events in the history of the labor movement, as well as an analysis of pertinent labor law legislation.
Credits: 3.00
Prerequisite: BUS 220
Offered in Fall & Spring Not Liberal Arts

MNG 319 Special Topics in Management
This course will study special topics of current interest in Management. It will be offered periodically as the needs and interests of students and faculty dictate.
Credits: 3.00

MNG 321 Organizational Behavior
This course offers an in-depth analysis of processes such as motivation, leadership, group dynamics, communication, organizational change, culture and
design. The focus will be on behavioral problems that can inhibit the effectiveness of organizations. Theories and concepts are introduced to facilitate understanding and creative problem solving. Various experiential exercises, cases and group projects are used to illustrate the problems and apply solutions.

Credits: 3.00
Prerequisite: BUS 220
Equivalency: MNG 321 / 3021
Offered in Fall & Spring Not Liberal Arts

MNG 330 Entrepreneurship/Small Business Management
This course studies one of the fastest growing segments of our economy - small business. Specifically, the course covers the challenges of developing, starting, and operating a small business in the United States (including franchising). It will help develop an awareness of the complexities of managing such an enterprise. The material presented will aid in enhancing the student’s ability to recognize and analyze innovative business ideas, as well as generate applications for them.

Credits: 3.00
Prerequisite: BUS 220
Not Liberal Arts Offered Fall, Spring & Summer

MNG 345 Introduction to Leadership
This course provides a fundamental understanding of leadership in society and builds on the principles of leadership and management introduced in other courses. The course will cover how to manage the roles of leadership and authority and guide the students to develop maturity and insight about leading and managing. This course will draw upon several academic disciplines and co-curricular, extracurricular and service involvement of the students. Special topics include cultural diversity, leadership challenges for minorities and women, and self-assessment.

Credits: 3.00
Prerequisite: BUS 220
Offered When Needed Not Liberal Arts

MNG 350 Human Resource Management
Analysis of the principles and practices of HRM in the areas of human resource planning and policy, recruitment and selection, training and career development, labor relations, performance management, compensation management, and HR information management. Special attention will be paid to the new issues and challenges facing the HR manager as a result of changes in the social and legal environment, demographic diversity, and the global marketplace.

Credits: 3.00
Prerequisite: BUS 220
Offered in Fall & Spring Not Liberal Arts

MNG 380 Managing Sports Organizations
This course will introduce students to the dynamic field of sport management. Topics will include management issues and principles, history of sport management, varieties of sport organizations, legal issues, human resource issues, branding, and strategic analysis. Students will examine the billion-dollar sport industry and identify the vast, creative and substantial role business plays in professional, collegiate, and amateur sports. Emerging trends in the sport management field will also be considered.

Credits: 3.00
Prerequisite: BUS 220
Not Liberal Arts

MNG 414 International Management
This course focuses on the unique requirements and environmental factors associated with the management of international organizations. An in-depth examination of the impact of different cultures on legal, political, social, religious and economic systems engages the student in this increasingly important dimension of business management.

Credits: 3.00
Prerequisite: BUS 220
Equivalency: MNG/INB414
Offered in Fall & Spring Not Liberal Arts

MNG 415 International Human Resource Management
Application of the principles and practices of HRM in the international organization. The case method will be used to develop student's understanding of the international human resource function and the management of the HR function in multinational organizations. Cultural differences and legal HRM requirements in host countries will be compared. Emphasis will be on the foreign operations of the multinational organizations. Selected readings will be utilized to improve student skills. This course can be used as a Management or International Business major elective.

Credits: 3.00
Prerequisite or Corequisite: Mng 414
Equivalency: MNG415INB450
Offered When Needed Not Liberal Arts

MNG 425 Managerial Decision Making
An intensive study of managerial decision-making skills. Special emphasis will be placed upon the case method whereby actual organizational problems will be evaluated and proposed decisions developed by the student.

Credits: 3.00
Prerequisite: BUS 220 and Senior Status
Offered in Fall & Spring Open to Seniors Only Not Liberal Arts
MNG 450 Seminar in Management
An advanced course in management that will focus on a special topic or special theme during a particular semester. Students are given the opportunity to study topics in-depth, and apply, integrate, and build on knowledge from previous courses. The course will emphasize the enhancement of students' skills involving the design and development of projects, as well as oral and written presentations of reports.
Credits: 3.00
Department Consent Required.
Prerequisite: BUS 220
Offered When Needed Open to Seniors Only Not Liberal Arts

MNG 461 Independent Study in Management
Students undertake an advanced, specialized study project not covered by regular course offerings and participate in individual conferences with a faculty member to plan, execute, and discuss the project.
Credits: 3.00
Department Consent Required.

MNG 463 Independent Study
Students undertake an advanced, specialized study project not covered by regular course offerings and participate in individual conferences with a faculty member to plan, execute, and discuss the project.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing and Permission of Chair
Offered When Needed Open to Seniors Only Not Liberal Arts

MNG 465 Management Internship
Students carry out a work project in a private or public sector organization under the direct supervision of a designated faculty member and executive. Students meet on a regular basis with other interns and a faculty member to discuss findings and common problems.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing and Permission of Chair
Offered in Fall & Spring Not Liberal Arts

MARKETING

MKT 301 Consumer Behavior
A comprehensive study of the cultural, social, personal and psychological factors which influence consumers' search for and evaluation, purchase, use and disposition of goods and services. Managerial implications for segmentation, positioning, product development and marketing communications will be explored.
Credits: 3.00
Prerequisite: BUS 240
Equivalency: MKT3010/MKT301
Offered in Fall & Spring Not Liberal Arts

MKT 302 Personal Selling and Sales Management
Study of the personal selling process and sales force management activities, including principles and techniques of professional selling; sales-force strategy and structure; recruitment, selection, training, compensation and supervision of salespeople.
Credits: 3.00
Prerequisite or Corequisite: BUS 240
Equivalency: MKT 302/3020
Offered When Needed Not Liberal Arts

MKT 307 Marketing Communications
A comprehensive study of the different forms of promotion, including advertising, personal selling, sales promotion, public relations, and direct and digital marketing. Students will examine their use in developing and implementing integrated marketing communications programs to influence attitudes and behavior of selected audiences, as part of the overall marketing strategy.
Credits: 3.00
Prerequisite: BUS 240
Equivalency: MKT 307/MKT 3070
Offered in Fall & Spring Not Liberal Arts

MKT 319 Sports Marketing
A study of the application of basic marketing concepts to the field of sports and leisure organizations. Topics include the sport consumer, research in sport marketing, the sport product, sports promotion and public relations, and future trends in sports marketing.
Credits: 3.00
Prerequisite: BUS 240
Offered in Fall & Spring Not Liberal Arts

MKT 330 Market Research
An overview of the entire marketing research process, including problem definition, research design, use of secondary data, primary data collection, questionnaire design, sampling, fieldwork, basic data analysis, and reporting of findings.
Credits: 3.00
Prerequisite: BUS 210, 240
Equivalency: MKT 330/3300
Offered in Fall & Spring Not Liberal Arts

MKT 350 Global Fashion Marketing
Students will be introduced to the dynamic global business of fashion. Topics include: product development; marketing decisions and retail strategies for women’s, men’s and children’s apparel and accessories; global sourcing; ethical considerations; fashion trends; and emerging market sectors. Careers in the fashion industry will be explored in detail. This course can be used as a Marketing or International Business major elective.
Credits: 3.00
Prerequisite: BUS 240
MKT 360 Global Entertainment Marketing
This course examines the concepts and practical application of marketing principles in the fields of professional entertainment, including music, film, TV, video games, sports, and performing arts. The course combines readings, lectures, online research, case studies and project report writing to help students better understand the marketing imperative in today's diverse, global entertainment marketplace. This course can be used as a Marketing or International Business major elective.
Credits: 3.00
Prerequisite: BUS 240

MKT 371 Global Internet Marketing
This course examines how companies and not-for-profit organizations can use the Internet to conduct business around the world. Using an Internet-based format that promotes interactive learning, the course discusses the Internet as a platform for marketing research, marketing planning, product design, pricing, distribution, marketing communications, and online customer relationship marketing. This course can be used as a Marketing or International Business major elective.
Credits: 3.00
Prerequisite: BUS 240

MKT 385 Global Green Marketing
Students will investigate the growing field of “green” marketing from a global perspective. Topics include: sustainable business strategy; green product design, branding, and packaging; green advertising and marketing communications; pricing and distribution of eco-friendly goods and services; and marketing of environmental organizations and ideas. Emphasis will be placed on the role and power of consumers to shape a sustainable society through their purchasing, consumption, and disposal behavior. This course can be used as a Marketing or International Business major elective.
Credits: 3.00
Prerequisite: BUS 240

MKT 402 Direct and Digital Marketing
An intensive study of this fast growing form of marketing communication, which uses the Internet, direct mail, catalogs, TV infomercials, home shopping and telemarketing to interact directly with consumers. Students will explore the strategic, tactical, and control elements of direct and digital marketing in both consumer and business markets, and its role in the marketing mix. Topics include database marketing; online, viral and e-mail marketing; use of social media and mobile marketing; research, testing, and measurement of results.
Credits: 3.00
Prerequisite: BUS 240
Offered When Needed Not Liberal Arts
MKT 418 Import and Export Management
This course provides an in-depth examination of the export and import processes, focusing on the activities that firms need to undertake and prepare for entering the international marketplace. It discusses the basic motivations to internationalize, information and financial concerns of firms beginning to internationalize their operations, and various strategic issues affecting export and import development. Case studies and hands-on team projects are utilized to highlight product, price, distribution, and promotion decision-making for exports and imports in a variety of business situations. This course can be used as a Marketing or International Business major elective.
Credits: 3.00
Prerequisite: MKT 414 or (BUS 240 and BEC 325)
Offered When Needed Not Liberal Arts

MKT 460 Marketing Strategy and Planning
A study of the process of strategy formulation in marketing. This course emphasizes the integration of knowledge from all previous courses in marketing and related disciplines. Topics include planning and development of policies, implementation and evaluation of the entire marketing strategy. Case analyses and/or simulation games are employed.
Credits: 3.00
Prerequisites: BUS 240, MKT 301, 307, 330, 414 and senior status
Offered in Fall & Spring Not Liberal Arts

MKT 463 Independent Study in Marketing
Students undertake an advanced, specialized study project not covered by the regular course offerings. Students participate in individual conferences with a faculty member to plan, execute, and discuss the project.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing
Offered When Needed Not Liberal Arts

MKT 465 Marketing Internship
Students carry out a work project in a private or public sector organization under the direct supervision of a designated faculty member and executive. Students meet on a regular basis with other interns and a faculty member to discuss findings and common problems.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior standing & approval of internship coordinator
Offered in the Summer Offered in Fall & Spring Not Liberal Arts

MASS COMMUNICATION
(See also Public Communication)

MCO 200 Introduction to Mass Communications
An overview of the process of mass communication and the mass media. The difference between human communication and mass communication; the elements, functions, impact and effects of mass communication; the profile of broadcasting, film, journalism, advertising and public relations; careers in mass communication. Recommended to be taken prior to other Mass Communication courses; not open to first semester freshmen.
Credits: 3.00
Equivalency: MCO/CMA200
Offered in Fall & Spring Not Open to first Semester Fr

MCO 210 Advertising
A survey of the field of advertising as an activity of human communication emphasizing the concepts of creation, coordination and control of the advertising function.
Credits: 3.00
Equivalency: CMA210/MKT306
Offered in Fall & Spring

MCO 213 Public Relations
A study of public relations as an organized body of knowledge and a professional discipline examining the techniques of communication, methods, media, and other areas of public relations expertise.
Credits: 3.00
Equivalency: CMA213/MKT315
Offered in Fall & Spring

MCO 225 Broadcasting
History, technology, structure, and regulation of broadcasting in the United States, including a discussion of issues, trends and the impact of non-broadcast technologies such as cable, home video, etc., on the radio and television industry.
Credits: 3.00
Offered in Fall & Spring

MCO 230 Digital Literacy & Practice
A practical course examining and applying current communications technologies and strategies to enable students to develop and produce effective communications vehicles of the caliber and nature used in the mass communication field. The course will deal with blog and Web site creation, social media, presentation tools, audio and video production and strategy development. Includes software and technical training
Credits: 3.00
MCO 275 Journalism
The history, philosophies, ethics, and practices of the press with emphasis on newspapers. Basic news and feature writing, as well as copy editing techniques will be stressed.
Credits: 3.00
Equivalency: CMA/MCO275
Offered in Fall & Spring

MCO 300 Media Law and Ethics
The legal and ethical issues related to the practice of mass communication: Federal and State laws regulating the media; freedom of information, libel, privacy, access, copyright, obscenity, advertising and broadcast regulation; ethical issues and problems related to the media; social responsibility and self-regulation.
Credits: 3.00
Prerequisite Mco200
Offered in Fall & Spring

MCO 305 Advertising Strategy
An examination of the central place of strategy in developing advertising campaigns. The role of the account executive and this person’s relationship to both the client and other departments within the advertising agency are thoroughly explored. Case studies that provide insight into various ways in which companies solve advertising problems receive prominent attention. Lessons from the case studies are used to develop hypothetical strategies meant to guide creative advertising executions.
Credits: 3.00
Prerequisite: MCO 210

MCO 311 Organizational Communication
Study of the role, function and use of communication within business and non-profit organizations: the assessment of communication needs in organizations; planning of communication programs and activities; choice and use of different media and evaluation of communication programs.
Credits: 3.00
Prerequisite: MCO 213
Offered in Fall & Spring

MCO 312 Communication Graphics
The creative use of typography, layout and design in print media, advertising, and public relations; background in the basic knowledge of various printing processes and computer graphics helpful.
Credits: 3.00
Prerequisite: MCO 200
Offered When Needed

MCO 313 Media Planning and Buying
Attention is focused on creating and implementing effective media planning strategies. The various factors that influence the choice of and placement in advertising media are explored. Emphasis is placed on the rapidly changing media environment and the wide assortment of vehicles an advertiser has at its disposal.
Credits: 3.00
Prerequisite: MCO 210

MCO 314 Multimedia Communications
An introduction to the basic concepts and practices of multimedia production, particularly emphasizing computer presentations for business and educational purposes. Students will develop original scripts into full multimedia projects utilizing graphics, animation, sound, and video.
Credits: 3.00
Offered When Needed

MCO 315 History of Mass Communication
The course explores the origin and development of mass communication from the invention of writing to the present. The social, economic and political implications of the innovations in technology and the nature of the media will be analyzed.
Credits: 3.00
Offered in Alternate Years

MCO 317 Public Opinion Dynamics
A study of the formation, nature and role of public opinion in a democratic society; investigation of how persuasion and propaganda effects are achieved via mass communication.
Credits: 3.00
Offered When Needed

MCO 321 Trends in Advertising
An exploration of the most recent advertising and marketing strategies and tactics that advertisers have used in adapting to a continuously and rapidly changing media environment. Emphasis is on case studies, learning new approaches to advertising, and applying some of these techniques through a team project. The specific content of the course will shift over time to reflect the latest developments in advertising.
Credits: 3.00
Prerequisite: MCO 210

MCO 322 Advertising Account Planning and Research
An exploration and the application of various research techniques that are used to better understand consumers and generate successful advertising strategies. The history and function of account planning, as well as its relationship to this process are thoroughly examined. Both quantitative approaches,
including surveys and experimental designs, and qualitative methods, including in-depth interviews and ethnographic procedures, are addressed.
Credits: 3.00
Prerequisite: MCO 210

**MCO 326 Race and Gender in Mass Communication**
This course critically examines the role of the media in constructions of race and gender in society. It analyzes race and gender issues related to media representations, media ownership and the media workplace.
Credits: 3.00
Equivalency: SOCMCO326

**MCO 327 Television Studio Production**
Techniques of television production from scripting to directing; topics of study include elements of various forms of television writing, production, design, lighting, graphics, program planning and production practices in a workshop setting.
Credits: 3.00
Prerequisite: MCO 225
Equivalency: MCO 327
Offered in Fall & Spring Not Liberal Arts Lab Hours Required

**MCO 330 Broadcast Journalism**
The content, techniques, structure, impact, and limitations of electronic journalism; basic script models; the informative interview; news stories with actualities for radio and television; the planning of radio and television newscasts.
Credits: 3.00
Prereq: Mco 225 or 275
Equivalency: CMA330/430
Offered in Fall & Spring

**MCO 335 The Creative Process in Advertising**
An in-depth approach to developing creative advertising for various media. Focus is on the importance of creativity in advertising and the two main positions in an advertising agency creative department -- the copywriter and art director. The thinking behind and practices associated with these central roles are covered. These practices are applied to the development of original, strategically-sound advertising campaigns.
Credits: 3.00
Prerequisite: MCO 305

**MCO 350 Writing for Television and Video**
This course is designed to give the beginning student an overview of screenwriting specifically for the television and video industry. Concepts to be introduced include: various media formats, concept development, plot development, writing treatments, scene construction, character development, idea generation, brainstorming and marketing.
Credits: 3.00
Prerequisite: MCO 225

**MCO 370 Writing for Public Relations**
A public relations writing course for preparing, adapting and analyzing messages for print and electronic media, new media, and the Internet.
Credits: 3.00
Prerequisite: MCO 213

**MCO 377 Writing for Multiplatform Journalism**
An intensive study of copy preparation and news writing for the print medium: basic and advanced skills of writing; structure and style of news stories and news features.
Credits: 3.00
Prerequisite: MCO 275 or 213
Equivalency: CMA377/477
Offered in Fall & Spring

**MCO 378 Reporting for Multiplatform Journalism**
An intensive study of news gathering and reporting for multiplatform journalism. Development of reporting, research and interpretive skills in multiple disciplines, including public affairs, sports, arts and culture and business. Focus on finding and qualifying sources as well as covering a beat and creating relationships with contacts.
Credits: 3.00
Prerequisite: MCO 275 and MCO 377

**MCO 386 Photo Communication**
A critical study of the potential of still photography as a medium of communication and its creative use in mass communication; practical instruction in the use of cameras, lenses and lighting.
Credits: 3.00
Prerequisite: MCO 200
Offered When Needed

**MCO 387 Converged Magazine Production**
A study of the principles and practices of magazine editing and publishing: historical analysis of magazine industry and of specific types of magazines; editorial objectives and formulae; various stages of the planning and editing of general interest magazines.
Credits: 3.00
Offered in the Fall Semester

**MCO 388 Sports Journalism**
An advanced course in reporting and writing on sports for the print and broadcast media. Topics of study include coverage of sports events, interviews, profiles, columns, investigative stories, and analyses and commentaries.
MCO 389 Online Journalism
This course familiarizes students with the use of online information sources in reporting and information gathering. Topics of study include the use of databases and the Internet for information gathering and computer-assisted reporting, critical evaluation of Internet content and the legal and ethical implications of online journalism.
Credits: 3.00
Prerequisite: MCO 200, 275
Equivalency: CMA389/489
Offered in the Spring Semester

MCO 390 Computer Animation for Video
This course will introduce students to the creative and technical field of computer animation for video from the beginning stages of planning through compositing and sound recording to the final animated story. Topics will include the origins of animation, the structure of traditional storytelling, traditional concepts and principles of animation, and digital animation techniques. Students will practice the basics in computer drawing and animation and will create and produce original works.
Credits: 3.00

MCO 391 Advanced Writing and Reporting for Sports Journalism
An advanced course in reporting and writing on sports for the print and broadcast media. Topics of study include coverage of sports events, interviews, profiles, columns, investigative stories, analyses and commentaries.
Credits: 3.00
Prerequisite: MCO 275, MCO 377 and MCO 378

MCO 392 Advanced Writing and Reporting for Public and Community Affairs
This advanced reporting course prepares the journalism student for covering public affairs, including all branches of local, state and federal government, administrative agencies, as well as other specialized community affairs reporting beats, including business, education, health care and labor. Course offers practical experience in covering public meetings, elections, interpreting public documents and records, interviewing public officials and community leaders, and understanding relevant legal procedures.
Credits: 3.00
Prerequisites: MCO 275, MCO 377 and MCO 378
Offered in the Fall Semester

MCO 393 Business and Financial Reporting and Writing
This course teaches students how to understand what's going on at companies big and small as well as Wall Street and to report and write stories about these businesses in a compelling way.
Credits: 3.00
Prerequisite: MCO 275, MCO 377, MCO 378, MCO 478

MCO 394 Advanced Reporting and Writing for Entertainment, Arts and Culture Journalism
This advanced reporting course prepares the journalism student for covering entertainment, arts and culture, including motion pictures, television, book publishing, performing arts, art exhibitions, music concerts, drama and cultural events. Course offers practical experience in writing news stories and feature profiles involved in reporting events, covering press conferences, and interviewing key players in these fields. Emphasis on critical and persuasive writing about entertainment, arts and cultural media.
Credits: 3.00
Prerequisite: MCO 275, MCO 377 and MCO 378

MCO 397 Research Methods in Mass Communication
The course focuses on the theory and methodology of applied mass communication research. Topics include reviews of literature, interviews, case studies, surveys, historical analysis; content analyses and focus groups.
Credits: 3.00
Prerequisite: MCO 200
Offered in Alternate Years

MCO 399 International Mass Communication
A comparative study of the mass communication and media systems of nations under varying social, political and economic systems; their development, structure, function and current state; political and economic factors that influence them; factors that facilitate or restrict the flow of national and international communication in those countries.
Credits: 3.00
Offered When Needed

MCO 403 Advertising Campaigns
A presentation of the skills necessary to design, implement and manage advertising campaigns, with an emphasis on planning and decision making procedures applied to specific advertising problems.
Credits: 3.00
Prerequisite: MCO 302 or MCO 335
Offered in Fall & Spring
MCO 410 Public Relations Case Studies
Case studies of typical public relations problems in industry, labor, education, government, social agencies and trade associations.
Credits: 3.00
Prerequisite: MCO 200, 213
Offered in the Fall Semester

MCO 413 Publicity Campaigns
Developing and implementing public relations campaigns; hands-on experience in designing and producing materials for campaigns; emphasis on use of planning and evaluation techniques.
Credits: 3.00
Prerequisite: MCO 213
Equivalency: MCO/CMA413
Offered in the Spring Semester

MCO 418 Interactive Advertising
Applies general advertising theory to the use of interactive media, especially the Internet. The advantages and disadvantages of using interactive media in advertising campaigns are explored. Emphasis is placed on developing the right strategies and using the right tools for reaching specialized audiences in a fragmented, yet digitally connected world.
Credits: 3.00
Prerequisite: MCO 210

MCO 428 Video Production
A course in the setting up and operation of portable video equipment, as well as writing and production of various video program forms.
Credits: 3.00
Prerequisite: MCO 225 or permission of instructor
Offered in Fall & Spring Not Liberal Arts Lab Hours Required

MCO 447 Advanced Television Production
This course provides the study and working knowledge of advanced television studio production. Students will be taught more advanced varieties of television production and will apply that knowledge toward the actual production of programs.
Credits: 3.00
Prerequisite: MCO 327
Offered in the Spring Semester

MCO 448 Advanced Video Production
Advanced video production is designed as as continuation and enhancement of the skills first mastered in the basic video productions course. Students will produce 'cable ready' feature programs both on an individual and group basis in a guided workshop format. Students will be introduced to computerized editing, online editing.
Credits: 3.00
Prerequisite: MCO 428
Offered in Alternate Years Not Liberal Arts Lab Hours Required

MCO 476 Feature Writing
Preparation of feature articles for the print media: discovering and researching ideas; techniques of writing various kinds of feature articles. emphasizing human interest factors and literary devices.
Credits: 3.00
Prerequisite: MCO 275
Equivalency: MCO/CMA476

MCO 478 Copy Editing
A detailed study of contemporary copy editing practices: the role and responsibilities of the copy editor; techniques of news editing, headline writing and photo editing; basics of newspaper layout.
Credits: 3.00
Prerequisite: MCO275 or 213
Offered in the Spring Semester

MCO 487 Specialty Publications
The principles and practices of editing publications, such as brochures, newsletters and specialty magazines for business and non-profit organizations, planning, editing, design, production and circulation.
Credits: 3.00
Prerequisite: MCO 200; MCO 213 or 275
Offered in the Fall Semester

MCO 489 Advanced Reporting
Credits: 3.00
Prerequisite: MCO377

MCO 491 Independent Research in Mass Communication
A guided independent study on a topic in mass communication. Public meetings with the instructor required. A final research paper or project to be submitted at the end of the course.
Credits: 1.00
Department Consent Required.
Prerequisite: Senior Status

MCO 492 Independent Research in Mass Communication
A guided independent study on a topic in mass communication. Public meetings with the instructor required. A final research paper or project to be submitted at the end of the course.
Credits: 1.00
Department Consent Required.
Prerequisite: Senior Status

MCO 493 Independent Research in Mass Communication
A guided independent study on a topic in mass communication. Public meetings with the instructor required. A final research paper or project to be submitted at the end of the course.
MCO 496 Seminar in Mass Communication  
A synthesis of theoretical knowledge and applied research skills in student's area of specialization in mass communication. It is the culminating experience and capstone of the program.  
Credits: 3.00  
Department Consent Required.  
Prerequisite: Senior Standing and Permission of the Department Chair  
Offered in Fall & Spring  

MCO 499 Special Topics in Mass Communications  
Designed to offer an intensive study opportunity in an area of specialization not covered in great depth by existing courses.  
Credits: 3.00  
Prerequisite: MCO 200  
Offered When Needed  

MTH 115 Fundamentals Of Algebra  
A course designed to prepare students for college-level mathematics. Topics include algebraic operations, the function concept, graphs, products and factoring, exponents and radicals, roots of polynomial and rational functions. Math elective; does not fulfill core requirement.  
Credits: 3.00  
Offered in the Fall Semester  

MTH 123 Mathematical Thinking  
The core mathematics course for students of business and the liberal arts, this course provides an overview of the mathematics used to solve problems which arise in modern society, business and science.  

MTH 134 Brief Calculus  
A basic introduction to selected topics from calculus. Topics include elementary functions, rates of change, the derivative, differentiation, and integration with special emphasis on a variety of applications.  
Credits: 3.00  
Equivalency: MTH 134/MTH 211/MTH 231  
Offered in the Summer  

MTH 135 Elementary Functions  
An intensive study of algebraic, trigonometric and exponential functions and their inverses. This course is designed to prepare students to take the full calculus sequence.  
Credits: 3.00  
Offered in Fall & Spring  

MTH 153 Mathematics for Education  
An intensive overview of the conceptual background which underlies the major mathematical themes found in the elementary school curriculum. Concepts to be explored are taken from elementary set theory, number systems and number sense, relationships between fractions and decimals, the use of ratio, intuitive probability and intuitive geometry. These topics will be approached from a problem solving point of view with an emphasis on the appropriate uses of technology.  
Credits: 3.00  
Offered in the Spring Semester  

MTH 163 Applied Discrete Mathematics  
An introduction to discrete mathematics and its applications. Topics selected from combinatorics, induction and recursion, logic and proof, algorithms and their analysis, discrete structures, and elements of modern applied algebra. Emphasis on the use of mathematics as a tool to model and solve applied problems from variety of disciplines. For students interested in computer science and modern applied mathematics.  
Credits: 3.00  
Offered in the Spring Semester  

MTH 231 Calculus 1  
Study of functions; limits; continuity; derivatives; differentiation of algebraic functions, implicit differentiation, geometric and physical applications, mean value theorem, differentials, anti-differentiation, areas by integration, areas of limits as sums, the definite integral, fundamental theorem of the calculus,
and differentiating and integration of trigonometric functions.
Credits: 4.00
Equivalency: MTH231/2301
Offered in the Summer Offered in Fall & Spring

MTH 232 Calculus 2
The continuation of MTH 231. Topics include area under the curve, antiderivatives, techniques of integration, applications of the definite integral, and numerical techniques, improper integration, and Taylor polynomials.
Credits: 4.00
Prerequisite: MTH 231 or Equivalent.
Equivalency: MTH2320/232
Offered in the Summer Offered in Fall & Spring

MTH 233 Calculus 3
Study of polar coordinates, solid analytic geometry, introduction to vector analysis, partial derivatives, directional derivatives, line integrals, multiple integration, double and triple integrals, cylindrical and spherical coordinates, infinite series.
Credits: 4.00
Prerequisite: MTH 231,232, or Approval of Dept Chair based on equivalent preparation.
Offered in the Fall Semester

MTH 236 Introduction to Proof
A course designed to bridge the gap between calculus and abstract mathematics. An introduction to logical propositions and connectives, mathematical language, and methods of proof. Selected topics from number theory, set theory, and functions will serve as the mathematical vehicles to develop these skills.
Credits: 3.00
Prerequisite: MTH 232

MTH 240 Theory of Numbers
A study of the more important properties of the natural number system: divisibility, primes, recurring series, congruences, quadratic residues, Diophantine equations.
Credits: 3.00
Prerequisite: MTH 231
Offered in Alternate Years

MTH 250 Linear Algebra
Introduction to vectors, vector fields, vector space Rn, bases of Rn, subspaces, projections, matrices and determinants, linear mappings, matrix representations of linear mappings, matrices and systems of linear equations, rank, existence and uniqueness of solutions, eigenvalues and eigenvectors.
Credits: 3.00
Prerequisite: MTH 231
Offered in Alternate Years

MTH 270 Applied Statistics
An introductory course in applied statistics. The basic ideas of analysis of data and statistical inference are introduced. Discrete and continuous probability distributions, sampling distribution, confidence intervals, testing hypotheses, regression, correlation, chi-square tests, and analysis of variance. Applications drawn from economics, management sciences, and life sciences. Use of appropriate technology.
Credits: 3.00
Prerequisite: Mth 134,Mth211,Mth231 or equivalent.
Equivalency: BUS210/MTH270
Offered in the Summer Offered in Fall & Spring

MTH 302 Differential Equations
Standard methods of solution of ordinary differential equations of the first order and some special equations of higher order; general theory of linear differential equations; Green’s functions; series solutions; applications.
Credits: 3.00
Prerequisite: MTH 232 or equivalent.
Offered in Alternate Years

MTH 310 Discrete Mathematics
Set theory and mathematical logic, combinatorics, binomial and multinomial theorems, graph theory, digraphs and matrices, Boolean algebras, Boolean functions, and switching theory will be covered.
Credits: 3.00
Prerequisite: MTH 231
Offered in the Spring Semester

MTH 403 Geometry
A unified study of various types of geometry and their roles in the analytic development of the fundamental properties of generalized geometric spaces. Axiomatics of affine, projective, Euclidean and non-Euclidean geometries. Advantages and disadvantages of synthetic and analytic forms of proof.
Credits: 3.00
Offered in Alternate Years

MTH 406 Introduction to Topology
An information course aimed at reinforcing fundamental concepts of calculus. Theorems and problems connected with the following items will be discussed and studied: elements of point set theory, neighborhood, connectedness, real line, compactness, denumerability, sequences, continuity, homeomorphism.
Credits: 3.00
Department Consent Required.
Offered When Needed Department Approval Required
MTH 408 Automata and Formal Languages
An introduction to the theory of computation, emphasizing finite automata and regular languages. Additional topics to be discussed are pushdown automata and context-free languages, and an introduction to Turing Machines and unsolvability.
Credits: 3.00
Prerequisites: MTH 163 or MTH 310 and CS 301
Equivalency: CS/MTH408
Offered in the Fall Semester

MTH 410 Advanced Calculus
A more rigorous development of theoretical calculus with special emphasis on such topics as partial differentiation, differentiability, implicit function theorem, inverse function theorem, infinite series and sequences of functions, uniform convergence and boundedness.
Credits: 3.00
Prerequisite: MTH 233
Offered in Alternate Years

MTH 411 Vector Analysis
A course in vector analysis stressing the following topics: vector algebra; differentiation of vector functions; line, surface and space integrals, gradient, divergence, curl; the theorems of Gauss, Green and Stokes; vector spaces and transformations; differential K-forms and the generalized Stokes theorem.
Credits: 3.00
Prerequisite: Mth 233 or equivalent.
Equivalency: MTH411/330
Offered in Alternate Years

MTH 415 Complex Variables
An introductory course in functions of a complex variable stressing the following topics: the complex numbers system; differentiation and integration of functions of a complex variable; power series; the calculus of residues; conformal mapping.
Credits: 3.00
Prerequisite: Mth 233 or equivalent
Offered in Alternate Years

MTH 421 Abstract Algebra 1
Binary operations; groups; subgroups; permutations; cyclic groups; direct products; cosets; normal subgroups; factor groups; Homomorphisms and Isomorphisms.
Credits: 3.00
Department Consent Required.
Offered in Alternate Years

MTH 422 Abstract Algebra 2
A continuation of MTH 421 covering the following topics:
rings; integral domains; fields; ideals; polynomials; homomorphisms, isomorphisms; and automorphisms; the fundamental theorem of algebra.
Credits: 3.00
Department Consent Required.
Offered in Alternate Years

MTH 432 Probability and Statistics I
An overview of probability and statistics. Experiments; sample spaces; random variables; probability measures and distributions; combinatorics; expectation; data collection and analysis; confidence intervals; selected hypothesis tests.
Credits: 3.00
Prerequisite: Mth 232
Offered in Alternate Years

MTH 433 Probability and Statistics II
A rigorous development and extension of the topics in MTH 432. Tests of hypothesis; regression, analysis of variance; multivariate distributions; nonparametric methods.
Credits: 3.00
Prerequisite: Mth 432
Offered in Alternate Years

MTH 440 History and Foundations of Mathematics
Evolution of mathematics as an abstract speculative science. A survey of the outstanding contributions to the development of mathematics; the hypothetical nature of mathematical truths; examination of some of the important postulational systems of modern geometries and algebras; the role of symbolic logic and set theory in the modern structure of mathematics.
Credits: 3.00
Department Consent Required.
Offered in the Fall Semester Capstone Course

MTH 441 Mathematical Modeling
This course explores the process of constructing and implementing mathematical models for a large variety of situations. Models from the physical life and social sciences will be examined using deterministic and probabilistic methods, both continuous and discrete. A strong emphasis will be placed on independent and cooperative work and presentation of results in oral and written form. Capstone experience in applied mathematics.
Credits: 3.00
Prerequisites: MTH 302, 310, 270, or 433 and CS 201
Offered in the Fall Semester

MTH 451 Senior Reading Course
Independent reading course in mathematics. Weekly papers and a final examination will be required. 1, 2, or 3 credits.
MTH 461 Capstone Seminar
This seminar (offered as a hybrid course) serves as the culminating experience for mathematics majors and those students majoring in Adolescent Education (Mathematics). This seminar will introduce students to mathematical literature of both historical importance and of contemporary interest. The readings will survey various disciplines in mathematics. Students will be required to make both oral and written summaries of published articles and to create an annotated bibliography on a mathematical topic.
Credits: 3.00
Prerequisite: Senior Standing
Department Consent Required.

MTH 491 Special Topics in Mathematics
This course explores selected topics in mathematics. May be taken more than once for credit.
Credits: 3.00
Department Consent Required.
Offered in Alternate Years

MTH1110 Contemporary Mathematics
A course in mathematics designed for returning adult students. Topics covered include the mathematics of basic probability, counting and descriptive statistics, and selected topics.
Credits: 4.00
Undergraduate Trimester Programs

MTH1114 General Math for Business
A course designed to provide students with a mathematical background for further work in business. The following topics are covered in both theory and application: review of algebra, functions and graphs, probability, descriptive statistics and selected topics from calculus.
Credits: 4.00
Undergraduate Trimester Programs

NSC1000 Integrated Science and Technology
This course will introduce the student to the process, methods, and concepts that engineers and scientists use in solving problems in addition to the fundamental concepts of life science and physical science. It is designed to develop the foundation for the scientific literacy necessary to understand technology’s role in modern society. Basic scientific concepts underlying matter, energy, life and systems are introduced, and students engage in the development of reasoning and problem solving skills associated with scientific issues. The course is an introduction with applications to ecology, human biology and health, energy transformations and systems.
Credits: 4.00
Undergraduate Trimester Programs

NSC1102 Humans in the World
This course examines the investigations carried out by scientists attempting to characterize and understand global biodiversity, the total variety of living organisms. Biodiversity is the balance between speciation, or the genesis of new species, and the extinction or loss of species. Topics include: ecological resources, the biosphere and regulation of global resources.
Credits: 4.00

NSC2400 Principles of Anatomy and Physiology
An introductory course in basic human anatomy and physiology. Topics to include the following systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, immune, lymphatic, respiratory, digestive, urinary, and reproductive. Students will further examine anatomical and basic physiological concepts through an interactive CD.
Credits: 4.00
Undergraduate Trimester Programs

NSC2401 Planet Earth
A video course, ‘Planet Earth’ introduces students to science in general and the geosciences in particular. Topics investigated include the earth and other planets in the solar system; the earth’s oceans, interior, and atmosphere; and a look toward the earth’s future.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: NSC2401/NSC110
Offered When Needed

NSC2500 Exercise Science and Fitness
This course will examine the basic science underlying exercise and its implications on overall health and fitness. The influence of exercise and athletic training on the human body will be studied in the context of a dynamic process. After introducing the basic biochemistry anatomy and physiology of the bodily systems (metabolic, musculoskeletal, respiratory,
cardiovascular and nervous), a study of the effects of various exercise activities on these systems will ensue. The biology behind the structure and function of the bodily systems, the rationale behind many training regimens, and the fallacy behind many myths will be explored. 

Credits: 4.00

Undergraduate Trimester Programs
Equivalency: BIO 148/NSC2500

NSC2600 Out of the Fiery Furnace: Stone Age to Space Age
A video course, “Out of the Fiery Furnace” is the intricate story of social development traced through the discovery and exploitation of metals, minerals, and energy resources. It examines history and the growth of civilization, illustrating relationships among science, technology, and society. The course explores how civilization has been shaped by our adaptation to metals and minerals and how our continuing use of mineral and energy resources may shape our future.

Credits: 4.00

Undergraduate Trimester Programs
Equivalency: NSC2600/NSC112

PHILOLOGY

Courses may be classified as follows:

I. Core curriculum: PHL 110, 210, 1110

II. Historical courses: PHL 307, 308, 309, 312, and 314

III. Systematic courses: PHL 319, 320, 332, 335, 375, and 420


V. Independent research: PHL 400

PHL 110 Introduction to Philosophy
In this course, we will be examining some of the major themes and problems of Western philosophy as exemplified by a number of writings of some of the major figures of Western philosophy. We will be focusing on five areas: logic, philosophy of religion, metaphysics, epistemology, and philosophy of mind. In each case we will be looking at a number of articles that take some conflicting positions on the questions being addressed. Part of your responsibility in reading these will be not only to concentrate on understanding what is being said, but also to think critically about the issues under discussion. In this course, being able to think critically about these issues is more important than simply memorizing what is being said. We will work on all this in class.

Credits: 3.00

Offered in Fall & Spring

PHL 210 Moral Philosophy
In this course, we will be examining some of the major themes and problems of moral philosophy. We will examine the nature of moral reasoning, virtue ethics, utilitarianism, and detonology as they have been displayed in some of the most important texts of the moral tradition. We will especially consider “the good life,” “doing good and doing right,” and the formation of conscience. Selected moral problems will be examined as illustrations. Students will be encouraged to respond reflectively and critically both in the classroom and in writing, during tests and online. In other words, part of students’ responsibility in reading these will be not only to concentrate on understanding what is being said, but also to think critically about the issues under discussion. In this course, being able to think critically about these issues is more important than simply memorizing what is being said. We will work on all this in class. It should be clear to students that they will be assessed on the above expectations.

Credits: 3.00

Prerequisite: PHL 110

Equivalency: PHL3200/210

Offered in Fall & Spring

PHL 305 Philosophy of Sport
This course addresses questions and issues that comprise the field known as the philosophy of sport, including the areas of ethics and social philosophy. What is sportsmanship and what is fair competition? Is it ever ethical to use performance-enhancing drugs? Should there be gender equity in sports participation? Does winning justify any means necessary to achieve it? These are but a few of the questions that will be addressed.

Credits: 3.00

PHL 307 Major Representatives of Ancient Philosophy
A historical study of philosophy in the ancient world. Examination of the principal philosophical texts and doctrines of one or more of the following: ancient Eastern thought; pre-Socratic Greek philosophy; the Sophists and Socrates; Plato; Aristotle; post-Aristotelian Greek and Roman philosophy; Neoplatonism.

Credits: 3.00

Offered When Needed
PHL 308 Major Representatives of Medieval Philosophy
A study in-depth of one of the following: Augustine; Aquinas; Bonaventure; Duns Scotus; medieval Islamic philosophy or medieval Jewish philosophy.
Credits: 3.00
Offered When Needed

PHL 309 Major Representatives of Modern Philosophy
The origins of modern philosophy in terms of the most important ideas of the rationalist and empiricist traditions and the major movements of modernity will be examined.
Credits: 3.00
Offered When Needed

PHL 312 Major Representatives of Contemporary Philosophy
An examination of the new foundations of philosophical thought claimed by phenomenology, existentialism, and analytic philosophy will be undertaken.
Credits: 3.00
Offered When Needed

PHL 314 Major Representatives of American Philosophy
The development of the central themes of American Philosophy as found in one or more of the following: Peirce; Royce, James; Dewey; Whitehead; Quine; Rorty.
Credits: 3.00
Offered When Needed

PHL 319 Philosophy of Reality
An analysis of central metaphysical terms and concepts: ‘being,’ ‘reality,’ ‘existence.’ A detailed study of significant metaphysical problems: universals and essence; process and substance-attribute, relations; necessity and contingency; God.
Credits: 3.00
Offered When Needed

PHL 320 Philosophy of Knowledge
This course examines the nature, origins and limits of human knowledge. Dominant themes in epistemology, such as the claims of perceptual and a priori knowledge, the question of truth and justification, and the issue of skepticism, will be explored through a careful reading of classical and contemporary texts.
Credits: 3.00
Offered in Alternate Years

PHL 321 Philosophy of Mind
A review of recent criticisms and developments of the Cartesian Theory of mind and self-consciousness in the light of contemporary theories of language and behavior. Topics include minds and machines, intentions and mental states, materialism and the mind-body problem.
Credits: 3.00
Offered in Alternate Years

PHL 327 Moral Problems
A study of individual and social moral questions. Religion; the nature of the right-to-life in relation to self-defense; euthanasia; abortion and medical ethics; sexual morality in relation to spousal and parental relationships; property rights in relation to theories of collectivism and private ownership (wage contract and the morality of strikes); Political rights (ground and limits of political authority); the doctrine of the just war and its applicability to nuclear armaments; international moral law.
Credits: 3.00
Offered When Needed

PHL 332 Logic: Basis of Correct Reasoning
A study of the logical principles of argument and a consideration of numerous common fallacies; an examination of the basic principles of deductive symbolic logic and of the inductive logic and design of research.
Credits: 3.00
Equivalency: PHL333/3102
Offered When Needed

PHL 337 Philosophy and Culture
This course seeks to explore philosophical conceptions of the unity and development of reason as it is reflected in man’s most distinctive cultural activities: art; religion; science and morality. The emphasis will center on how certain modern and contemporary philosophers have sought to relate forms of knowledge to various forms of man’s cultural and social activity.
Credits: 3.00
Offered When Needed

PHL 346 Philosophy of Religion
This course will locate the philosophical issues raised by religious belief in a personal, historical and cultural context. Present day possibilities for belief and unbelief will be analyzed and evaluated as an experiential option and not as an abstract subject. Authors who share this approach, such as Sigmund Freud and William James, will figure prominently in readings and discussions.
Credits: 3.00
PHL 351 Revolution in Sexual Morality
A philosophical attempt to interpret and evaluate normative shifts in sexual morality resulting from the breakdown of established customs. The concepts of sexuality, love, fidelity and perversion will be considered in relation to questions about marriage, promiscuity, homosexuality, pornography and contraception.
Credits: 3.00
Equivalency: PHL351/3105
Offered When Needed

PHL 355 Thomas Paine and the Revolutionary Tradition
Beginning with a study of the philosophical foundations of The Declaration of Independence, this course will examine the relation of Thomas Paine to the revolutionary traditions of the 18th Century. The course will end with an examination of the relevance of Paine's thought to the contemporary world.
Credits: 3.00
Offered in Fall & Spring

PHL 356 Social and Political Philosophy
This course will seek to explore the philosophical foundations of ideas like rights, justice, freedom and obligation in political and social contexts. The emphasis will be on the conceptual problems associated with attempts to formulate arguments and theories about these topics.
Credits: 3.00
Offered in Alternate Years

PHL 360 Ethics and Business
This course seeks to develop a moral perspective that is applicable to the structure and practices of business. Themes to be discussed are: a normative theory of ethics; economic justice; corporate-labor responsibility with respect to wage and price, investment, advertising, preferential hiring, ecology, and consumer protection; and the new functions and responsibilities of multinational corporations.
Credits: 3.00
Equivalency: PHL360/3600
Offered When Needed

PHL 361 Ethical Issues in Science and Technology
This course seeks to develop a moral perspective through philosophy as it applies to the practical and ethical problems that emerge from contemporary technologies. Emphasis will be placed on ethical problems that professionals face in the field, such as privacy in data technologies, intellectual property rights, environmental ethics, ethical issues in engineering and the physical sciences. The goal of the course will be to clarify the issues involved and to help students develop tools of ethical analysis and evaluation to confront such issues.
Credits: 3.00

PHL 365 Philosophy of Science
A survey of the development of the relations between the philosophical tradition and modern science. Special attention will be given to scientific revolutions in the nineteenth and twentieth centuries and the philosophical schools of thought during this same period.
Credits: 3.00

PHL 366 Problems in Medical Ethics
This course will focus on the nature of medical ethics and on the ethical implications of current problems in medical practice and research.
Credits: 3.00
Equivalency: PHL366/HEA3660
Offered When Needed

PHL 375 Aesthetics
A study of major theories of art and their relation to individual art forms, especially literature and music. Includes an examination of some central critical concepts, such as value, intention, expression, and insight, as well as the philosophical problems surrounding modern art.
Credits: 3.00
Offered When Needed

PHL 381 Philosophy of Law
An examination of some classical and contemporary attempts to define and/or explicate the concept of law, the nature of legal reasoning, and the relationships among legal systems and customs, traditions, and moral ideas. Attention directed to theories of natural law, legal positivism, legal realism, sociological jurisprudence. Consideration of problems involved in notions of international law, legal obligation, due process and the morality of the criminal law.
Credits: 3.00
Offered in Alternate Years

PHL 400 Independent Study
A program of readings in an area of philosophical interest or a program of research leading to the writing of a major philosophical paper with the advisor's approval, under the supervision of a member of the department.
Credits: 3.00
Department Consent Required.
Prerequisite: Approval of Dept Advisor
Offered When Needed

PHL 401 Special Topics in Philosophy
Special topics courses are designed to offer the opportunity for investigation into the work of individual philosophers, historically important philosophical movements, or contemporary philosophical themes. Specific topics will be indicated when these courses are offered.
Credits: 3.00
PHL 402 Special Topics in Philosophy
Special topics courses are designed to offer the opportunity for intensive philosophical investigation into the work of individual philosophers, historically important philosophical movements, or contemporary philosophical themes. Specific topics will be indicated when these courses are offered.
Credits: 3.00

PHL 410 Special Topics in Philosophy
Special topics courses are designed to offer the opportunity for investigation into the work of individual philosophers, historically important philosophical movements, or contemporary philosophical themes. Specific topics will be indicated when these courses are offered.
Credits: 3.00

PHL 420 Capstone Seminar
The seminar will focus on major philosophical works. Study of these works will enable students to perform two crucial integrative tasks - bringing together what was learned in the courses taken as a philosophy major and linking that with what was learned from the courses which constitute the liberal arts core curriculum.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing
Offered When Needed
Open to Seniors Only
Capstone Course

PHL 1110 Introduction to Philosophy
A basic philosophy course, covering some major themes of Western philosophy - the nature of good and evil, the existence of God, the foundations of human knowledge, the nature of human freedom, and other similar themes. This course will be based principally on readings from great Western philosophers and will allow extensive discussion of their ideas.
Credits: 4.00
Undergraduate Trimester Programs

PHYSICS

PHY 101 General Physics I
A general course in the fundamental phenomena of mechanics, heat, and sound.
Credits: 4.00
Corequisite: MTH 231
Offered in Fall & Spring

PHY 102 General Physics II
A general course in the fundamental phenomena of electricity and magnetism, optics, and modern physics.
Credits: 4.00
Prerequisite: PHY 101. Corequisite: MTH 232 or 270.
Offered in Fall & Spring

PHY 103 General Physics I Without Lab
A general course in fundamental phenomena of mechanics, heat, and sound. Course construct is without a lab.
Credits: 3.00

PHY 104 General Physics II Without Lab
A general course in the fundamental phenomena of electricity and magnetism, optics, and modern physics
Credits: 3.00

PHY 105 Earth Science
A basic course involving the study of the earth, its structure and development. Phenomena such as earthquakes, mineral resources, storms, tides, continental drift and weather will be examined.
Credits: 3.00
Offered When Needed

PHY 106 General Astronomy
A basic course applying physical principles to the study of general astronomy with an emphasis on the solar system.
Credits: 3.00
Offered When Needed

PHY 300 Mathematical Mechanics I
A course in theoretical mechanics with an emphasis on mathematical model building using calculus. Introductory applications of vector analysis and ordinary differential equations in Newtonian mechanics will be studied to develop physical intuition and mathematical ability simultaneously.
Credits: 3.00
Prerequisite: Introductory Calculus and PHY 101 or permission of dept chair
Equivalency: PHY MATH 300
Offered When Needed

PHY 301 Mathematical Mechanics II
A theoretical course in mechanics treating central forces; accelerated reference systems; generalized coordinates; Lagrange’s Equation; Hamilton’s Equations; small oscillations; normal coordinates; wave equation; rigid body motion in three dimensions; Euler’s Equations.
Credits: 3.00
Prerequisite: PHY 300
Offered When Needed

PHY 315 Electricity and Magnetism I
A study of electrostatics employing vector formalism; Gauss’ Law; Laplace’s Equation; dielectrics and polarization; direct current circuit analysis and measurements. Credits: 4.00
Prerequisite: PHY 101, 102, MTH 302
Offered in Alternate Years
PHY 316 Electricity and Magnetism II
A study of charged particles and conductors in magnetic fields; magnetism and magnetic materials; alternating current circuits, Maxwell’s Equations and electromagnetic waves.
Credits: 4.00
Prerequisite: PHY 315
Offered in Alternate Years

PHY 323 Modern Physics I
A treatment of atomic and nuclear physics in terms of the Schrodinger Theory. Topics include: relativity, thermal radiation and the origin of quantum theory; Bohr Theory, particles and waves; Schrodinger Equation and Solutions; one-electron atom, magnetic moments; spin; multi-electron atoms; x-rays; composition of nuclei, nuclear models, alpha, beta, gamma radiation, nuclear reactions, nuclear forces, and elementary particles.
Credits: 3.00
Prerequisite: Phy 102, Mth 302
Offered in Alternate Years

PHY 324 Modern Physics II
A treatment of atomic and nuclear physics in terms of the Schrodinger Theory. Topics include: relativity, thermal radiation and the origin of quantum theory; Bohr Theory, particles and waves; Schrodinger Equation and Solutions; one-electron atom, magnetic moments; spin; multi-electron atoms; x-rays; composition of nuclei, nuclear models, alpha, beta, gamma radiation, nuclear reactions, nuclear forces, and elementary particles.
Credits: 3.00
Prerequisites: PHY 102, MTH 302
Offered in Alternate Years

PHY 423 Thermodynamics and Statistical Physics
A consideration of the concepts of equilibrium thermodynamics, such as thermodynamic functions, equations of state, and the laws of thermodynamics. Attention is given to the statistical principles necessary to deal with physical systems containing large aggregates of particles: Maxwell-Boltzman; Bose-Einstein and Fermi-Dirac statistics.
Credits: 3.00
Prerequisite: PHY 300, 323
Offered in Alternate Years

PHY 424 Quantum Mechanics
A treatment of the formal theory which embodies the present day physicist’s understanding of atomic and sub-atomic systems. The course deals mainly with the Schrodinger representation and emphasizes applications to atomic phenomena. The nature of Hilbert space, the role of operators in the theory of eigenvalue equations, and time-dependent perturbation theory are among the topics treated.
Credits: 3.00
Prerequisite: Phy 323
Offered in Alternate Years

PHY 430 Internship in Physics
Student participation in an off-campus, supervised work experience related to physics with regular reporting to an assigned faculty member. A written report relating this work experience to the student’s course of study will normally be expected.
Credits: 3.00
Department Consent Required.
Offered When Needed

PHY 441 Research I
A course in which the student carries out a research project under the supervision of a faculty member. Open only to a limited number of selected students.
Credits: 2.00
Department Consent Required.
Offered When Needed

PHY 442 Research II
A course in which the student carries out a research project under the supervision of a faculty member. Open only to a limited number of selected students.
Credits: 2.00
Department Consent Required.
Offered When Needed

PHY 450 Seminar
A survey of selected topics designated to integrate the major coursework and to illustrate the use of current literature in research. Presentations by individual students. One period per week.
Credits: 1.00
Department Consent Required.
Prerequisite: Senior status
Offered When Needed Open to Seniors Only Capstone Course

PHY 451 Seminar in Science, Technology and Society
A seminar experience for senior science majors which explores the interplay of science, technology and society. Students will present and discuss perspectives based on the humanities and social sciences in the context of selected science case studies and they will compose new case studies which illustrate human dimensions of the scientific endeavor. Required of all majors in senior year. This course and the 450 seminar course together satisfy the capstone graduation requirement.
Credits: 2.00
Equivalency: CHM PHY CES BIO 451
Offered in the Spring Semester Open to Seniors Only Department Approval Required Capstone Course
POLITICAL SCIENCE

Courses may be classified as follows:

**Corequisites:** POL 201, 203

**Major Core:** POL 302, 497

I. **Political Theory:** POL 313, 314, 315, 316, 317

II. **American Politics:** POL 320, 323, 324, 325, 326, 327, 328, 329, 332, 333

III. **Policy and Administration:** 380, 381, 382, 383

IV. **International Politics:** POL 331, 362, 364, 365, 366, 368, 370, 371, 372, 373

V. **Comparative Politics:** POL 341, 346, 347

VI. **Scope & Statistics:** POL 301, 305

VII. **Special Topics, Seminars, Internships, & Independent Studies:** POL 336, 385, 483, 484, 491, 492, 499

**POL 201 American Government 1**

An introduction to the governmental process in the United States: Constitutional basis; federalism; civil rights; interest groups and party politics; organization of the federal government; dynamics of policy formulation.

Credits: 3.00

Equivalency: POL1110/201

Offered in the Fall Semester

**POL 203 Introduction to Global Politics**

Introduction to the study of politics and government. Emphasizes the study of political institutions, ideology, political culture, participation and party systems. Analyzes patterns of political change and global interactions with a reference to current issues.

Credits: 3.00

Offered in the Spring Semester

**POL 301 Scope and Approaches to the Study of Political Science**

An introduction to the variety of contemporary approaches to the study of politics and government. Students will become familiar with the analytical tools necessary for conducting research and writing organized papers. This course emphasizes a critical analysis of various methodologies.

Credits: 3.00

Equivalency: POL305/MTH270/POL301

Offered in the Fall Semester

**POL 302 Research Methods in Political Science**

An introduction to political research methods. The course will make students better practitioners and consumers of political research. Focus is on basic qualitative and quantitative methods, with an emphasis on the stages in the research process and computerized data analysis. Among the topics covered: research design, strategies, ethics, conceptualization, measurement, sampling, causation, generalizability, reliability, methods (surveys, observation/participation, evaluation…), elementary and advanced data analysis, reviewing, proposing, and reporting research. Particular attention is paid to computerized data analysis using the GSS and SPSS.

Credits: 3.00

**POL 305 Social Statistics**

An introduction to statistics commonly used by political and social scientists. Focus is on the use of basic statistics prevalent in the political and social science literature, as well as statistics that students will use in their research. Among the topics covered are descriptive statistics, such as measures of central tendency, variability, graphics, bivariate analysis, cross-tabulation, regression, and inferential statistics, such as normal distribution, sampling, probability, estimation, hypothesis testing, chi-square and ANOVA. The course also emphasizes computerized data analysis using GSS and SPSS.

Credits: 3.00

**POL 313 Revolution in Theory and Practice**

An examination of some of the major theories that have been put forward to define and explain the nature of revolution. Attention will be focused on the causes of revolution, the role of revolutionary leaders and the organization of revolutionary movements. Specific historical cases of revolution will be studied and certain contemporary revolutionary movements analyzed.

Credits: 3.00

Offered in Alternate Years

**POL 314 American Political Thought**

This course is an introduction to many of the major thinkers, traditions and themes in the history of American political thought. The course explores the degree to which these thinkers and intellectual traditions influenced the development of American political institutions. Special attention is paid to thinkers who were also political actors, including the Founders and Lincoln. Intellectuals and philosophers such as Emerson, Melville, Veblen, James, Du Bois, Dewey and Rorty are also covered.

Credits: 3.00
POL 315 Great Political Thinkers
This course offers a survey of Western political thought from the Classical Greeks to the present. The course emphasizes the perennial problems of politics: the nature of man, the nature of the political relationship, the meaning of freedom, authority, political obligation, power, justice, citizenship, etc. Credits: 3.00
Offered in Alternate Years

POL 316 Inequality and American Democracy
This course explores the causes and effects of socioeconomic inequality in the United States. The course focuses particularly on the effects of inequality on our democratic institutions and on the major political theorists who have contributed useful insights to the inequality debate, including John Rawls and Michael Walzer. Careful attention is paid to theories of democracy and to the social and economic conditions that can undermine popular sovereignty.
Credits: 3.00

POL 317 The Politics of Evil
This course is an exploration of the origins, nature, and meaning of evil in a political context. It will examine instances of political evil, particularly those committed in the twentieth and twenty-first centuries, through a theoretical lens. Students will read seminal philosophers and theologians who have shed light on this topic, including Augustine, Machiavelli, Nietzsche, Freud, Niebuhr, Morgenthau, Buber, and Arendt. The course will also explore the implications of the debate about evil between social and evolutionary psychologists. A particular focus will be given to totalitarianism, a manifestation of political evil that has assumed many forms since the early twentieth century. Other themes may include colonialism, genocide, terrorism, and war.
Credits: 3.00

POL 319 Thomas Paine and the Struggle for Democracy
The structure of the course will explore the main features of Paine’s political philosophy, their origins, achievements and impact. Paine’s philosophy is rooted in axioms based on common sense – equality (the source of natural rights), materialism (the world is knowable and objective), human progress ("no one should live in a state worse than before civilization"), and the inherent goodness and collectivist nature of mankind. Based upon these axioms, Paine erected a four-fold paradigm of democracy: social and economic justice, evolving democratic structures and the nature of constitutions, free thought, and mass participation (right of revolution). Each will be examined historically as Paine’s life and writings are played out against the backdrop of the rise of the age of the democratic revolutions. Attention will be paid to how Paine advanced these ideas, and the seminal revolutionary nature of his philosophy.
Credits: 3.00
Offered in Alternate Years

POL 323 Civil Liberties and the Bill of Rights
A study of current American conceptions of civil liberties, including the judicial policy-making role of the Federal Courts in developing modern constitutional doctrines concerning the Bill of Rights, the 14th Amendment and important recent civil rights legislation. The course concentrates on these topics: freedom of speech, press and assembly; racial and ethnic equality; women’s rights; criminal justice and police procedures; obscenity and pornography; rights to privacy and freedom of personal lifestyle; voters’ rights and political equality; and such new constitutional frontiers as abortion, gun control, gay liberation and capital punishment.
Credits: 3.00
Offered in Alternate Years

POL 324 The American Political System: The Presidency
A survey of the constitutional basis and historical evolution of presidential powers; the rise of the administrative state and executive-centered government in modern American history; and the institutional and political resources of influence of the Office of the President, especially in foreign affairs. Theories are applied to recent presidential case histories and case studies of presidents who changed the contours of the executive office.
Credits: 3.00
Offered in the Fall Semester

POL 325 State and Local Government
An analysis of factors influencing state and local governments as political systems through an examination of intergovernmental relations; the interdependent roles of governors, legislatures, and courts in policy-making and implementation; the organization, functions, and jurisdiction of local governments; and the interaction of political parties and interest groups with formal governmental institutions and processes. The course highlights socioeconomic and political trends leading to change in state and local governments, with an emphasis on state and local governments in New York State.
Credits: 3.00
Offered in Alternate Years

POL 326 Politics and Criminal Justice
An introduction to the politics of the American criminal justice system from crime and arrest to parole and probation. Attention will be given to the processes of defining crime, its causes and remedies. The course will deal with contemporary problems of police, courts and penal systems in American society, as well as recent constitutional decisions in criminal justice.
POL 327 Politics and Media
An analysis of the relationship between government and various forms of media—broadcast (television and radio), print (newspapers, magazines), and the internet; the influence of television on elections, campaign spending, public opinion formation; limits on the First Amendment in times of crisis, and government censorship of news reporting in times of war. The course includes benchmark Supreme Court cases defining the limits and extent of freedom of the press and the role of the Federal Communications Commission in defining the bounds of media industry action.
Credits: 3.00
Offered in Alternate Years

POL 328 The American Political System: Judicial Branch and the Constitution
The purpose of the course is to expose students to a wide range of materials concerning the judicial process, including aspects of court structure and rules of court operation as well as to provide a detailed study of constitutional law through US Supreme Court decisions. The consistent themes explored in this course focus on the politics of the judicial branch, including the policy-making role of the courts, and the dynamics of the US Constitution. Supreme Court cases will cover such topics as judicial review, federalism, the commerce power, separation of powers, and substantive due process.
Credits: 3.00
Offered When Needed

POL 329 Political Parties, Campaigns and Elections
Examination of the history, role and function of political parties in American elections and the governing process. Study of why and how people participate in politics, voting patterns, voting rights, direct democracy lawmaking, campaign finance, interest group influence, media and public opinion influence in elections.
Credits: 3.00
Offered in the Fall Semester

POL 331 American Foreign Policy
An introduction to the basic structure, function and processes of American foreign policy. Examination of the role of the President, the intelligence community (CIA, FBI, NSA), Congress, and departments of Defense and State. The course examines constitutional sources of foreign policy powers and constraints on the Executive branch and Congress imposed by the public, media, interest groups and others. Students will gain a working knowledge of several key American foreign policy decisions.
Credits: 3.00

POL 332 Public Opinion and American Democracy
This course examines and assesses the role of public opinion in American democracy. The course emphasizes both the normative and practical aspects of the study of opinion in the American political system. To this extent, it emphasizes both the theoretical aspects (opinion formation, role of opinion in campaigns, elections, policy-making, the current state of research, the history and development of opinion, etc.). In addition, the course focuses on the empirical aspects of opinion (how it is measured, practical aspects of conducting survey research, basics of computerized data analysis, etc.).
Credits: 3.00

POL 333 The Politics of Non-Violence
The Twentieth century was the most violent in recorded human history. Two catastrophic world wars, the rise of totalitarian regimes, the Holocaust, the manifest destructive powers and subsequent proliferation of nuclear weapons of mass destruction, and the Cold War (or numerous “proxy” wars between the superpowers in resource-rich developing countries) resulted in millions of deaths. But the most violent century also bore remarkable efforts by men and women to resist these brutalizations, critique violent methodologies, and struggle for alternative methods of political persuasion. This course will explore Twentieth Century theories, practices and dilemmas of nonviolent resistance and transformative struggle. It will encourage examination of questions of means and ends, use of violence and expressions of nonviolence, social justice, and methods of fighting injustice without creating more injustice.
Credits: 3.00

POL 334 American Politics in Film
This course uses the medium of film to help students of politics understand the nature of American government and politics. The course uses a mixture of films and film genres to explore various aspects of the American political system and to assess how these have been covered and dramatized by movies and television. In particular, the course addresses issues arising from the portrayal of American framers, institutions, politicians, campaigns, elections, leadership, opinion, as well as key policy issues and important historical/political events.
Credits: 3.00

POL 335 Famous Political Trials
An examination of the famous political trials in American and European history (from Ancient times through the 20th C.). In addition to looking at the history, politics, and legal issues surrounding these trials, the class also considers questions such as: What are the fundamental elements of political trials? How
have scholars sought to distinguish between various types of political trials? What role did the trial play in public discourse at the time as well as later? How did the trial crystallize certain political and social issues of its time? How did/does the trial operate in terms of spectacle and drama? How does legal reasoning and literary narrative or storytelling interact in these trials? What conflicts emerge in the trials between individuals and the state, the church and the state, and actors in public and private arenas? How do the trials contribute or detract from public discourse? And what lessons can be learned from these trials?

Credits: 3.00

POL 336 Contemporary American Politics
An analysis of the emerging patterns, behaviors, issues, controversies, debates, and challenges integral to contemporary American government and politics. Attention is directed to major constitutional, political challenges and controversies of the day as determined by faculty/instructor. Examples include: the role of the media, electoral and campaign reform, radical individualism, the impact of separation of powers, etc. The goal of the course is to give students a deeper appreciation of the political context in which governmental decisions are made, a better understanding of the process of constitutional adjudication, and a clearer sense of the constitutional, political, and ethical principles involved in these controversies.
Credits: 3.00

POL 337 Gender and Politics
This course examines the role of gender in American politics. The word, gender, includes more than biological differences between men and women, and includes how the public interprets these differences and values some qualities over others. Elections are highly gendered, how we interpret political behavior is influenced strongly by gendered language (metaphors of war and professional sports), and our expectations about the characteristics, behavior, and appearance of political actors are shaped by gender. Current research on gender differences in seeking public office, and the influence of gender on the political behavior of elected officials will be explored.
Credits: 3.00
Equivalency: POL/WST 337
Offered Fall Semester Alt Yrs

POL 340 Comparative Politics: The Western World
An introduction to the study of comparative politics with emphasis on Britain and Western Europe. Comparison is made with American and non-Western systems and consideration is given to general concepts and tools of analysis.
Credits: 3.00
Offered in Alternate Years

POL 341 Comparative Politics: The Non-Western World
Description and analysis of the structure and process of government in various non-Western governments, including Latin America. Theoretical frameworks of structure-functionalism, modernization and dependency theory will be examined to be used in explaining the political system under discussion. Emphasis will be placed on the formal and informal structure of power, on the role of political groups and on the influence of economic, military, religious and ethnic forces.
Credits: 3.00
Offered in Alternate Years

POL 362 International Relations
Major theories and recent theoretical approaches to the study of international relations. The evolution of the nation-state system. Basic factors affecting the power positions and policies of states. Conceptions of national interest and national security. The formulation, instruments and patterns of foreign policy. Conflict and cooperation among states through law, diplomacy, international organization and war.
Credits: 3.00
Offered in the Fall Semester

POL 364 International Law and Organizations
Based largely on the study of cases, the course examines the nature, sources, development, principles and application of the rules that govern the legal relationships among members of the modern state system. Emphasis will be placed on the role of international law in world politics and on contemporary problems of enforcement and further development. The course will also focus on the role of key organizations such as the United Nations, The World Trade Organization and the International Criminal Court.
Credits: 3.00
Offered in Alternate Years

POL 365 Contemporary Global Politics
An analysis of the emerging patterns in recent international behavior. Attention directed to the bipolar and post-bipolar international system; East-West conflict and cooperation; the Third World and non-commitment; international economics; arms and disarmament; world order under law.
Credits: 3.00
Offered in Alternate Years

POL 366 International Politics and Film
This course is designed to use the medium of film to explain and discuss important topics in international politics. Film provides a window to the world and this course will explore how various aspects of international politics have been covered and
dramatized by movies and television. The course will focus on how international political processes, institutions and leaders have been portrayed on screen and what those renderings say about political decisions, ideologies and actions.
Credits: 3.00

POL 368 Environmental Politics
This course is designed to introduce you to the basic issues, concepts, and theories of environmental politics. We will examine the major debates and problems in the field, significant events inspiring change in the international system, and the relevance of the debates to current events. Among the most important issues will be sustainable development, security, and international governance.
Credits: 3.00

POL 370 Human Rights
This course is designed to introduce you to the basic issues, concepts, and theories of human rights. The course will examine the major debates in both the domestic and international context paying particular attention to key contemporary problems regarding the rights of children, women, refugees, and others.
Credits: 3.00
Offered Spring Semester Alt Yr

POL 371 Politics of Global Health
An exploration of the political controversies surrounding global public health, with a special emphasis on poverty and development. This course looks at how the world cooperates to confront the most persistent global health emergencies, such as HIV/AIDS, maternal health, tuberculosis or malaria. Multilateral institutions including the UN system and World Bank figure prominently, as do the perspectives of developing countries.
Credits: 3.00
Offered Spring Semester Alt Yr

POL 372 Environmental Law
This course provides a broad, practical understanding of some important federal environmental statutes and case law. The course is designed to introduce you to the fascinating variety of important environmental challenges addressed by environmental laws, the difficult policy issues surrounding environmental problems, and the legal complexities of environmental regulation and administration.
Credits: 3.00
Offered When Needed

POL 373 Global Cities and the Environment
This course explores the interrelationship between the world’s cities and the global environment in an era of rapid urbanization, resource depletion and climate change. It critically engages the economic, cultural, architectural, and aesthetic dimensions of global urbanization as rapidly expanding cities confront ecological limitations.
Credits: 3.00

POL 380 American Bureaucracy: The Administration of Public Policy
The study of executive branch organization in American government and the role of the “fourth branch” - full time executive departments and agencies - in administering and shaping the substance of public policies. Analysis of public administrative hierarchy, leadership, personnel, expertise, operating procedures and sources of bureaucratic power from political, legal, and managerial perspectives.
Credits: 3.00
Offered in Alternate Years

POL 381 Administrative Law
The study of the actions of executive branch departments and agencies, political and legal constraints on bureaucratic power, the legal sources and practical effects of regulatory rules and regulations, the power to investigate and enforce rules, and due process rights of individuals and corporations affected by public administrative actions.
Credits: 3.00
Offered in Alternate Years

POL 382 Public Personnel Administration
Analysis of the organization and management of the public workforce in the executive branch, the civil service, labor-management relations and dispute-resolution procedures, organization theory, comparative leadership studies in the public and private sectors, career versus political executives, and current challenges facing public managers and employees.
Credits: 3.00
Offered in Alternate Years

POL 383 The Public Policy Process
Study of the dynamics of the policy-making process - what governments do, how decisions are implemented, why some policy alternatives are pursued over others. Analysis of interactions among those demanding change in policy, those with authority to make decisions, those affected by the policy, and pressures outside government seeking reform of policy.
Credits: 3.00
Offered in Alternate Years

POL 385 Pre Law Internship
Internship in a cooperating private law office, in the legal department of a cooperating corporation or with a government agency such as a district attorney’s office, etc. Conferences with the Pre-Law Coordinator and research reports will supplement the
student's practical experience. This course is open
to any student with the approval of the department
chair. Preference will be given to Pre-Law minors if
positions are limited.
Credits: 3.00
Department Consent Required.
Offered When Needed

POL 483 Internship in Political Science
Internship in cooperating governmental or other
agency under supervision of a faculty committee.
The processes of government, internal operations,
political, organizational and environmental influences
on the operations of various agencies will be studied.
Conferences with designated faculty members
and research reports will supplement the student's
practical experience in government.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

POL 484 Internship in Political Science
Internship in cooperating governmental or other
agency under supervision of a faculty committee.
The process of government, internal operations,
political, organizational and environmental influences
on the operations of various agencies will be studied.
Conferences with designated faculty members
and research reports will supplement the student's
practical experience in government.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

POL 491 Special Topics in Political Science
Intensive study opportunities in areas of specialization
not covered in depth by existing courses. Special
topics may include: Public Opinion, Terrorism, Identity
Politics, Political Protest Movements. Students may
take more than one special topics course.
Credits: 3.00
Offered When Needed

POL 492 Special Topics in Political Science
Intensive study opportunities in areas of specialization
not covered in depth by existing courses. Special
topics may include: Public Opinion, Terrorism, Identity
Politics, Political Protest Movements. Students may
take more than one special topics course.
Credits: 3.00

POL 497 Capstone in Political Science
Research and readings in selected topics and
problems. Credits: 3.00
Department Consent Required.
Prerequisite: POL 201, 203, 302, senior status and
approval of the department chair.
Offered in the Spring Semester Open to Seniors Only
Capstone Course

POL 499 Independent Reading and Research
A supervised course of study concentrating on a
specific topic approved by a faculty advisor. Student
and advisor meet on a regular basis for purposes of
guidance and the submission of progress reports.
Credits: 3.00
Department Consent Required.
Prerequisite: Senior Standing
Offered in Fall & Spring Open to Seniors Only

PSYCHOLOGY

PSY 201 General Psychology 1
An introduction to the fundamental data and theories
of the science of psychology; the nature, scope, and
methods of experimental psychology. Emphasis is on
the biological foundations of behavior, development,
language, intelligence, testing, perception and social
foundations of behavior.
Credits: 3.00
Equivalency: PSY201/1101
Offered in the Fall Semester

PSY 202 General Psychology 2
An introduction to the fundamental data and theories
of the science of psychology. Emphasis on learning,
memory processes, motivation, emotion, personality,
maladaptive behaviors and psychotherapies.
Credits: 3.00
Offered in the Spring Semester

PSY 210 Educational Psychology
An examination of psychological findings applied to the
school situation. Emphasis is given to the fundamental
principles involved in teaching and learning and the
processes and interactions facilitating each. Topics
include motivation, intelligence, standardized testing,
developmental problems and group processes.
Credits: 3.00
Prerequisite: One of the following: SOC 101, 102,
POL 201, 203, PSY 201, 202, ECO 201 or 202
Equivalency: PSY210/2120
Offered in the Fall Semester Not Open to Freshman
Not for core credit

PSY 212 Child Psychology
A study in developmental psychology which
introduces the student to the major aspects of change
in childhood and pre-adolescence. Special attention is
given to an evaluation of current cognitive, behavioral,
and affective theories of child development and their
respective contributions toward understanding the
child's reactions and interactions in the home, school
and other settings.
Credits: 3.00
Equivalency: PSY212/PSY211/2111
Offered in the Spring Semester Not Open to Freshman
Not for core credit
**PSY 213 Adolescent Psychology**
An examination of the major themes of adolescent development. Adolescent behavior as related to intellectual, emotional, and biological growth and development. Implications for formation of self-concept, search for identity, peer group influence, problems and processes related to educational and vocational goals.
Credits: 3.00
Equivalency: PSY211/212/213
Offered in the Spring Semester Not Open to Freshman Not for core credit

**PSY 220 Psychology of Women**
This course examines the scientific evidence regarding the sexual differences and the controversies about these differences. Crucial issues affecting contemporary women and the women's movement are examined from a psychological perspective.
Credits: 3.00
Equivalency: PSY307/336/WST307
Offered in Alternate Years Not for Major Credit

**PSY 221 Psychology of Human Sexuality**
A study of human sexuality from a psychological viewpoint in order to help the students clarify their attitudes toward their own and other's sexuality. Areas to be investigated include environmental determinants of sexuality, sexual arousal and response, marital sexuality, sexual variance, sexual attitudes and other topics selected by the class. Note: it is recommended that students meet with the instructor prior to enrollment to discuss the content of the course.
Credits: 3.00
Equivalency: PSY311/WST311/PSY319/WST319
Offered in the Fall Semester Not for Major Credit

**PSY 222 Psychology of the Criminal Offender**
A course covering the basic issues and theories in criminal psychology with emphasis on criminal personality types, their evaluation and treatment, and prevention, as well as the causes of delinquent behavior.
Credits: 3.00
Equivalency: PSY315/314
Offered in the Spring Semester Not for Major Credit

**PSY 241 Mental Hygiene**
A study of disordered personal reactions and their fundamental dynamics; neurotic, psychotic and inadequate reactions to life and its circumstances; the defense mechanisms; possibilities for wholesome personality development in home, school and other environments; detection and prevention of poor adjustment; formal and informal therapeutic interventions.
Credits: 3.00
Equivalency: PSY241/2410
Offered in the Fall Semester

**PSY 246 Self Assessment and Career Development**
This course will provide students with the tools for making effective career decisions through the use of self-assessment instruments, computerized career information systems and individual research projects. Skills fundamental to job seeking such as personal management, skill development, life goal clarification, interviewing and networking will be emphasized.
Credits: 3.00
New Freshman Only
Equivalency: PSY246/IDS401
Offered in the Fall Semester Not for Major Credit Open only to new Freshman & Tr Not for core credit

**PSY 246 Quantitative Research Methods for the Behavioral Sciences 1**
An introduction to statistics as applied in the behavioral sciences. Statement of psychological constructs in quantitative terms. Included are measures of central tendency and variability, characteristics of the normal curve, correlation and prediction, and hypothesis testing techniques such as t, chi square, and analysis of variance.
Credits: 3.00
Offered in the Fall Semester

**PSY 246 Quantitative Research Methods for the Behavioral Sciences 2**
Advanced concepts in experimental design and quantitative research methods for the behavioral sciences; an overview of principles and techniques including higher order analysis of variance designs, analysis of covariance, multiple regression, repeated measures designs, and mixed designs.
Credits: 3.00
Prerequisite: PSY 323 or Approval of Dept Chair
Offered in the Spring Semester

**PSY 323 Personnel Psychology**
The application of psychological principles and techniques to personnel procedures in organizational settings; includes recruitment and selection, job analysis and design, employee performance, training, and development, leadership, motivation, and various aspects of organizational behavior.
Credits: 3.00
Equivalency: PSY331/3260
Offered When Needed

**PSY 326 Psychological Tests and Measures**
Principles and practice of psychological measurement; administration, scoring, and interpretation of various types of psychological tests including intelligence, aptitude, achievement, interest and group measures of personality; problems of construction and standardization of measuring instruments; standards for evaluating tests.
PSY 338 History and Systems: Psychology of Learning
An examination of contemporary empirical investigations and theoretical positions of human and animal learning, placing each position in its historical context within psychology.
Credits: 3.00
Prerequisite: PSY 201 or 202 or approval Dept Chair
Equivalency: PSY338/3150
Offered in the Fall Semester

PSY 339 History and Systems: Personality Theory
An examination of the historical and ongoing struggle to bring unity out of diversity in the analysis of human personality. The theoretical contributions, research approaches, and professional impact of major theorists are analyzed. Relationships among theories are considered under the general approaches of systems conceptions of personality, dimensional conceptions, cognitive-perceptual conceptions, contextual conceptions, and learning conceptions.
Credits: 3.00
Equivalency: PSY3130/339/4300
Offered in the Fall Semester

PSY 341 Physiological Psychology
Physiological foundations of behavior, including the development, anatomy, and functions of the nervous system. Explores neurological dysfunction and the effects on sensation, perception, movement, language, and learning.
Credits: 3.00
Offered in the Spring Semester

PSY 390 Experimental Psychology 1
This course will provide an introduction to experimental methods in psychology. Emphasis will be placed on ethical conduct of research, research techniques, statement of research problems, methodology, statistical analysis, interpretation of results, preparation of reports in APA style, and presentation of findings.
Credits: 3.00
Prerequisite: PSY 323 or approval of department chair
Offered in the Spring Semester

PSY 412 Social Psychology
This course offers a broad introduction to social psychology exploring the various ways people think about, influence, and relate to one another. Topics include but are not limited to social cognition, self-concept, social judgment, attitudes, persuasion, group processes, conformity, aggression, helping behavior, prejudice, and interpersonal relationships.
Credits: 3.00
Equivalency: PSY412/4110/4500
Offered in the Fall Semester

PSY 441 Developmental Psychology
A study of the theories of psychological development from birth to old age. Emphasis on the cognitive, motivational, physiological and social changes during infancy, childhood, adolescence, maturity and old age.
Credits: 3.00
Equivalency: PSY441/3060/3700
Offered in the Spring Semester

PSY 461 Abnormal Psychology
A study of the principal forms of disordered personal reactions to life and its circumstances; focuses on the ‘logic’ of psychopathology with reference to psychodynamic, social, and learning dimensions. Insight into the developmental aspects of neurosis, psychosis and maladjusted behavior broaden the student's understanding of various approaches to therapy and prevention.
Credits: 3.00
Equivalency: PSY461/4130

PSY 491 Experimental Psychology 2
A continuing laboratory course in which the student originates his or her own experiments in areas such as emotion, auditory and visual perception, social processes, etc. Lectures primarily in the areas of emotion, the senses and perception.
Credits: 3.00
Prerequisite: PSY 390 and PSY 324 or approval of department chair
Equivalency: PSY3600/390/491/493
Offered in the Fall Semester Capstone Course

PSY 493 Individual Experimental Research
A field or laboratory and seminar course for senior psychology majors within which each student will complete a research project of his or her own design under supervision of one of the members of the Psychology Department; class meetings devoted to analysis of project designs and to the study of periodical literature. Integration and coordination of previous coursework. Weekly progress reports; laboratory hours at the convenience of the student.
Credits: 3.00
Prerequisite: PSY 390 or approval of department chair
Offered in the Fall Semester Open to Seniors Only Capstone Course
PSY 496 Senior Seminar
A coordinating seminar for senior psychology majors aimed at effecting a synthesis of previous learning and various orientations; ethics; research of topics in areas of interest to student and faculty; integration of established formulations in psychology with current emphases.
Credits: 3.00
Prerequisite: PSY 390 or approval of department chair
Offered in the Spring Semester Open to Seniors Only Capstone Course

PSY 497 Independent Study
The psychology of a student’s chosen topic is explored in-depth utilizing a variety of current methodologies and directed by a particular faculty member. Prerequisite: Approval of Department Chair or Advisor. Not for major credit. 1, 2, 3 credits respectively.
Credits: 1.00
Department Consent Required.
Not for Major Credit

PSY 499 Independent Study
The psychology of a student’s chosen topic is explored in-depth utilizing a variety of current methodologies and directed by a particular faculty member. Prerequisite: Approval of Department Chair or Advisor. Not for major credit. 1, 2, 3 credits respectively.
Credits: 3.00
Department Consent Required.
Offered When Needed

PSY1101 Introductory Psychology
A survey course on the fundamental facts, theories, and issues of contemporary psychology; the biological and social foundations of human behavior; the nature, scope, and methods of psychological research; motivation, emotions, perceptions, learning, intelligence, endocrine and nervous systems, personality development, fields of applied psychology.
Credits: 4.00
Not open to students who have taken PSY 201 or 202. Only open to students enrolled in an undergraduate trimester program.
Equivalency: PSY1101/201/202

PSY2120 Psychology of Teaching and Learning
A fundamental course in educational psychology emphasizing the application of the principles of psychology in the teaching and learning processes and the human interactions facilitating each; issues and implications in such areas as intelligence, socio-cultural forces, testing and evaluation, class-room management and individual differences.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: PSY210/2120

PSY1010 Psychology of Business and Industry
This course surveys the history, methods, and applications of psychological principles to human resources concerns in organizations. Topics include: practical and legal issues in recruitment, testing and selection of employees; job analysis; job design; employee training and development programs; organizational structure; bargaining and negotiation; conflict resolution; and managing organizational change. Diversity issues related to culture, gender and disabling conditions will be placed on case examples and practical applications of theory and research.
Credits: 4.00
Undergraduate Trimester Programs

PSY2150 Psychology of Business and Industry
This course surveys the history, methods, and applications of psychological principles to human resources concerns in organizations. Topics include: practical and legal issues in recruitment, testing and selection of employees; job analysis; job design; employee training and development programs; organizational structure; bargaining and negotiation; conflict resolution; and managing organizational change. Diversity issues related to culture, gender and disabling conditions will be placed on case examples and practical applications of theory and research.
Credits: 4.00
Undergraduate Trimester Programs

PSY2400 Brain, Mind, and Behavior
This is an introductory course exploring the relationship between neuroscience and psychology. It will be offered in conjunction with nine (9) one-hour television programs. The course will examine topics of development and aging, addictions, healing, depression, communication, thinking, sanity and insanity, and violence from the perspective of physiological psychology.
Credits: 4.00
Undergraduate Trimester Programs

PSY3000 Health Psychology
This course is a comprehensive study of the relationship between behavior and health, including psychological factors in the development of disease. It focuses on knowledge and techniques of behavioral science as applied to the maintenance and enhancement of physical health as well as disease prevention, treatment and rehabilitation.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: PSY/HEC3000

PSY3001 Introduction to Drug and Alcohol Abuse Studies
A study of the biological psychological and sociological aspects of drug and alcohol abuse and addiction. An emphasis on the psycho-pharmacology of commonly abused substances, the disease concept of chemical dependency and an overview of substance abuse problems in the family, school and industry.
Credits: 4.00
Equivalency: DAA/HEC3001

PSY3011 Assessment Referral and Treatment Methods
A study of the process of appraisal and evaluation of the chemical abuser and his/her family in order to determine the patient's needs. Emphasis will be placed on understanding behavioral and medical symptoms of drug and alcohol abuse and addiction and the tools needed to make the appropriate treatment referral.
Treatment resources will be explored.
Credits: 4.00
Prerequisite: PSY 3001, DAA 3001 or permission of instructor.
Equivalency: DAA/HEC3011

**PSY3020 Quantitative Research Methods in Psychology**
A first course highlighting contemporary applications of psychology. Data analysis is carried out within a computer-based organization of standard topics: describing and graphing distribution, comparisons of data sets, detecting patterns in data, graphing association between variables, sampling techniques and design mechanisms, methods of inference, and analysis of variance.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: PSY3020/323/324

**PSY3023 Drug/Alcohol Abuse Counseling with the Family**
An investigation of the alcoholic and drug abusing family system, and the cumulative crisis in the family resulting from addiction. Emphasis will be placed on co-dependency, the characteristics of Children and Adult Children of Alcoholics (COA/ACOA) and other chemical abusers, prevalent treatment approaches and the role of self-help programs.
Credits: 4.00
Prerequisite: PSY3001, DAA 3001 or permission of instructor
Equivalency: DAA3023/PSY3023

**PSY3031 Drug and Alcohol Counseling**
Application of counseling approaches, including treatment planning, setting goals and objectives, the therapeutic interview, the process of recovery and relapse counseling, to the drug and alcohol abuse situation. Same course as DAA 3031.
Credits: 4.00
Prerequisite: PSY 3001, DAA 3001 or permission of the instructor.
Equivalency: DAA3031/PSY3031

**PSY3060 Developmental Psychology: Seasons of Life**
A study of the theories of psychological development from birth to old age. Emphasis on the cognitive, motivational, physiological and social changes during childhood, adolescence, maturity and old age.
Credits: 4.00
Equivalency: PSY441/2700/3060

**PSY3101 Health Counseling**
This course provides an overview of the health counseling field including the role of psychological factors in the etiology and treatment of physical illness. Basic counseling theories are reviewed and related to health counseling interventions. Emphasis is placed on cognitive-behavioral treatment strategies pertaining to health maintenance, primary prevention and risk factor reduction.
Credits: 4.00
Equivalency: HEC3101/PSY3101

**PSY3120 Personality Psychology**
This course deals with normal adult personality; development of personality from childhood, and biological, social and cultural effect upon the development and the functioning of the adult personality. Basic issues, assumptions and methodological problems are analyzed for a scientific study of personality.
Credits: 4.00
Undergraduate Trimester Programs

**PSY3135 Psychology of the Criminal Offender**
A course covering the basic issues and theories in criminal psychology with emphasis on criminal personality types, their evaluation, treatment and prevention, as well as the causes of delinquent behavior.
Credits: 4.00
Undergraduate Trimester Programs

**PSY3140 Psychology of Learning Dysfunctions**
An examination of major approaches in etiology, diagnosis and remediation of difficulties in children, pre-kindergarten through high school, with emphasis on the interaction between emotional and learning disorders.
Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

**PSY3150 Psychology of Learning and Memory**
An examination of contemporary empirical investigations and theoretical positions of learning and memory (both human and animal) placing each position in its historical context within psychology.
Credits: 4.00
Prerequisite: PSY 1101 and Open to Undergraduate Trimester Program Students only.
Equivalency: PSY338/3150
Offered When Needed

**PSY3160 Psychology of the Disadvantaged or Exceptional**
The disadvantaged or exceptional from pre-school to adulthood with emphasis on problems faced in
any learning situation due to cognitive deficiencies stemming from social and economic factors. Consideration given to attitudinal and motivational factors affecting performance of this group. Instructional programs conducted by educational institutions and industry will be discussed.

Credits: 4.00
Undergraduate Trimester Programs
Offered When Needed

PSY3220 Psychology of Drug Habituation and Addiction
Behavioral effects of sedative hypnotic compounds, stimulants, convulsants, anti-psychotic agents, psychedelics, hallucinogens, alcohol, tobacco, caffeine, and other drugs of psychological influence will be examined. Consideration will be given to attitudes toward drugs, theories of drug addiction and treatment. Methods of therapy will be discussed. Comparisons will be made with use of other methods for behavioral change.

Credits: 4.00
Prerequisite: DAA/PSY 3001
Offered in the Fall Semester

PSY3260 Personnel Psychology
This course surveys the history, methods, theories and applications of personnel concerns in organizations. Topics include: recruitment, testing and selection; job analysis; training and development of employees; performance evaluation; compensation; job design; quality of work life and employee assistance programs. Diversity issues related to culture, gender and disabling conditions will be integrated with the above listed topics. An emphasis will be placed on case examples and practical applications of theory and research.

Credits: 4.00
Undergraduate Trimester Programs
Equivalency: PSY3260/231
Offered When Needed

PSY3400 Employee Assistance Programs
This course explores the history and changing models of employee assistance programs focusing on clinical issues of drugs, alcohol, and psycho-pathologies as they relate to the workplace. Students learn about practitioner professionalization, supervisory and union representative training and the use of community resources to address personal and health problems.

Credits: 4.00
Prerequisite: DAA/PSY 3001
Equivalency: DAA3400/PSY3400

PSY4110 Social Psychology
A study of the foundations of modern social psychology, the individual in society, social interaction and social processes; the nature and characteristics of social groupings; social change and stability; attitudinal
development and change; practical applications as found in current research on group influences and reactions in experimental and natural settings.

Credits: 4.00
Undergraduate Trimester Programs
Equivalency: PSY412/4110/4500
Offered When Needed

PSY4130 Abnormal Psychology
An historical and clinical introduction to the causes, treatment and prevention of basic forms of psycho-pathology. Consideration of clinical and experimental evidence supporting the major theories of distorted behavior and related therapeutic approaches.

Credits: 4.00
Prerequisite: PSY1101.
Adult trimester students only.
Equivalency: PSY461/4130
Offered in the Fall Semester

PUBLIC COMMUNICATION

PCM1101 Mass Communication and Modern Life
An overview of the process of mass communication and the mass media. The difference between human communication and mass communications; the elements, functions, impact, and effects of mass communication; the profile of broadcasting, film, journalism, advertising, and public relations; careers in mass communication. The course includes an online component that involves outside reading and bulletin board discussion.

Credits: 4.00
Undergraduate Trimester Programs

PCM1201 Principles of Public Communication
A study of public communication in the context of society and the role of communication in social, economic, political, and other arenas. Review of various communication disciplines as an organized body of knowledge and a profession through the examination of techniques, audience evaluation, media, and other areas of public communication. Online component will focus on the role of digital and electronic media.

Credits: 4.00
Undergraduate Trimester Programs

PCM1301 Writing for the Mass Media
An in-depth approach to creating written materials for key media in public communication: print, broadcast, Internet and presentations. Students will develop material for use in advertising, public relations, organizational publications, broadcast, Internet, and presentations in person and online. Course includes a study of copy preparation and information gathering and writing, including structure and style of copy for
each medium. Also covered are: audience analysis, developing and researching ideas, and use of various technologies for information presentation. Online element focuses on writing and use of technology. Credits: 4.00

Undergraduate Trimester Programs

PCM1401 Media Law and Ethics in Contemporary Society
The conflict and convergence of legal and ethical issues related to the practice of mass communication, covering federal and state laws regulating the free expression and the media. Areas include libel, privacy, access, copyright, obscenity, advertising and broadcast regulation; ethical issues and problems related to the media; social responsibility and self-regulation. Credits: 4.00

Undergraduate Trimester Programs

PCM2111 Communication for Organizations
Study of the role, functions and use of public communication within business and non-profit organizations; the assessment of communication needs in organizations; planning of communication programs and activities; choice and use of different media and evaluation of communication programs. Online component will focus on using technology and virtual team communication. Credits: 4.00

PCM2113 Publicity Campaigns
This course will give students an introduction to developing and implementing public relations campaigns; hands-on experience in designing and producing materials for campaigns; and an emphasis on the use of planning and evaluation techniques. Credits: 4.00
Open to Trimester students only

PCM2115 Advertising and Integrated Marketing Communications
A survey of the field of advertising as an activity of human communication emphasizing the concepts of creation, coordination and control of the advertising function. The course includes an online component that involves researching the websites of competitive products to solve a branding problem. Credits: 4.00

Undergraduate Trimester Programs

PCM2117 Journalistic Writing
An in-depth study of copy preparation and news reporting and writing for print and online media: basic skills of information gathering and writing for various journalistic formats, news stories, opinion pieces, features, informational and how-to. Structure and style of news stories and news features for publications including newspapers, Web sites and organizational publications. Online component includes Web site analysis and development. Credits: 4.00

Undergraduate Trimester Programs

PCM2121 Photography
A study of photography as a medium of mass communication with special emphasis on its practical application in the mass communication industry. The online component of the course will deal with readings and online discussions of the history and social impact of photographic technology. Credits: 4.00

Undergraduate Trimester Programs

PCM2123 The Electronic Media: Radio, Television and the Internet
Study of the issues, trends and impact of digital technology in the broadcast/cable industries, with concentration on the history and structure of electronic media and hands-on involvement in radio and television projects. Online component will focus on discussion of current issues in electronic media; in-class component will involve lecture and class participation in media productions in the radio and television studios. Credits: 4.00
Offered in the Winter Trimester

PCM2125 Sports Communication
A hands-on course in reporting and writing on sports for the print and broadcast media, as well as strategies and tactics in sports public relations. Topics of study include coverage of sports events, interviews, profiles, columns, investigative stories, analyses, commentaries and elements of sports public relations. Credits: 4.00

PCM2127 Media Relations
This course introduces students to the skills necessary for the development of effective communication techniques focusing on the media as the target audience. Students will apply communication concepts in a series of "real-world" simulations in which they learn to attract and interact with print and electronic media. Credits: 4.00

Undergraduate Trimester Programs

PCM2129 Race and Gender in Mass Communication
This course critically examines the role of the media in constructions of race and gender in society. It analyzes race and gender issues related to media presentations, media ownership and the media workforce. Credits: 4.00

Undergraduate Trimester Programs
PCM2140 Special Topics in Public Communication
This course is designed to offer an intensive study opportunity in an area of specialization not covered in-depth by existing courses in public communication. Topics such as media management, editorial writing, non-profit communication and multi-media presentations may be offered.
Credits: 4.00
Undergraduate Trimester Programs

PCM2150 Independent Research in Public Communication
A guided independent study on a topic in public communication. Periodic meetings with the instructor required. A final research paper or project to be submitted at the end of the course.
Credits: 4.00
Undergraduate Trimester Programs

RELIGIOUS STUDIES

RST 101 Religion in the Contemporary World
A consideration of human religious experience in the contemporary world with a particular focus on Christianity, Islam, and at least one other religious tradition.
Credits: 3.00
Offered in Fall & Spring

RST 204 Catholicism in the Contemporary World: Christian Scriptures
This course will familiarize students with the Scriptural bases – both Old and New Testaments of Catholicism. Special attention will be paid to the original context and meaning of the Scriptures, as well as their relevance and application in contemporary settings.
Credits: 3.00
Prerequisite RST 101 or 203

RST 205 Buddhist Wisdom for Christian Living
Grounded in the Second Vatican Council’s “Declaration on the Relationship of the Church to Non-Christian Religion,” the course will introduce the heart of the Buddhist tradition by reflecting on the experience, life and teachings of Siddhartha Gotama, The Buddha. Examining the religious and cultural context within which he lived and taught, the course will explore the insight and wisdom of the Four Noble Truths and the Eightfold Path. Attention will be given to the development of Mahayana Buddhism though a consideration of primary texts from within that tradition.
Credits: 3.00
Prerequisite: RST 101

RST 206 Catholicism in the Contemporary World: Spirituality
An exploration of contemporary Christian spirituality as the lived experience of faith – the on-going life-project of person integration and self-transcendence – offering theological, historical, cultural, psychological and interfaith contexts for understanding its manifold expressions. The course will survey select trends and issues in contemporary Catholic spirituality signaled by Vatican Council II such as the post-modern quest for meaning; the impact on personal self-understanding of contemporary psychology and cosmology; the challenge of social and ecological commitment; the variety of contemplative resources available for the development of the inner self; the way of Gospel conversion and sacramentality; and the relevance of the Catholic vocation – its vision, values, and practice virtues – for the life of the self and of the world.
Credits: 3.00
Prerequisite: RST 101

RST 207 Catholicism in the Contemporary World: Theological Renewals
The Second Vatican Council (1962-65) revolutionized the relationship of the Roman Catholic Church to the modern world. Within a few short years, a church that had been characterized as clerical, juridical, and triumphal assumed a different, more humble posture characterized by dialogical engagement with contemporary society. The Council renewed the Church’s self-understanding and consequently all areas of Catholic theology experienced radical rethinking. The sixteen documents of the Council will frame a study of the renewed meaning and practice of Catholicism in a post-conciliar age. The renewal of theological categories such as revelation and scripture, God, Christ, ecclesiology, and Christian praxis will be examined.
Credits: 3.00
Prerequisite: RST 101

RST 208 Catholicism in the Contemporary World: Ethics and Morality
An exploration of the history of Christian ethics – its language, norms, sources – with particular consideration given to Roman Catholic teaching on morality. Contemporary issues such as war, sexuality, poverty, biomedicine and ecology will be examined to determine how a Christian ethical perspective informs a particular response to the questions raised within these areas.
Credits: 3.00
Prerequisite: RST 101

RST 209 Catholicism in the Contemporary World: Peace and Social Justice
A consideration of Catholic ethical thought, as an expression of Christian ethics in history, regarding movements for peace and social justice in the
contemporary world, with a particular focus on the Christian foundations of economic, racial and political movements for justice.
Credits: 3.00
Prerequisite: RST 101

RST 210 Catholicism in the Contemporary World: Religious Pluralism Series
This series provides a context to explore the opportunities and challenges presented by twenty-first century religious pluralism. According to Harvard Professor of Comparative Religion and Indian Studies Dr. Diana Eck, “Pluralism” and “diversity” are sometimes used as if they were synonyms, but diversity is just plurality . . . [p]luralism is the engagement that creates a common society from all that plurality. It is the energetic engagement with diversity.” Cross-cultural religious literacy and engagement with the religious Other is essential in the contemporary global context as cross-currents of secularism, new religious movements, and resurgent fundamentalist articulations of all the major world religions collide and mingle with each other. One discrete field of focused study will be chosen for each semester the course runs. A non-exhaustive list of possible topics that can be rotated in the series are: Islam, Jainism, Afro-Caribbean religions, Hinduism, Indigenous Religiosity, Atheism/Humanism, and hybrid interfaith religious expressions.
Credits: 3.00
Prerequisite: RST 101
Offered When Needed

RST 213 Religion and the Natural World
This class will explore the relationship between religion and the natural world, investigating how religious worldviews have traditionally conceived of nature and have shaped human attitudes and behaviors toward it. Adopting a broad, religiously diverse perspective, the course will explore the convergences and distinctions among global religious traditions in their identification and celebration of nature as a sacred reality and their capacity to creatively respond to contemporary challenges and threats to the viability and integrity of nature in its planetary expanse.
Credits: 3.00
Prerequisite: RST 101 or 203
Offered in Fall & Spring

RST 301 Church History: Patterns and Paradigms of the Christian Tradition
The life and thought of the Christian church from the apostolic period to the present, providing an introduction and orientation to the Christian tradition in its various social, ethnic and period settings.
Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 310 The Religious Traditions of China
This course will examine the insights, contributions and development of the three major traditions that have largely defined Chinese religious culture: Confucianism, Taoism, and Buddhism. Emphasis will focus on the study of those primary textual sources (available in English translation) that most effectively illustrate the seminal concepts and subsequent elaborations within each of those traditions and their overall significance to Chinese religious sensibility.
Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203

RST 311 Christian Approaches to Morality
This course is an investigation of the fundamental themes of moral theology. The course will include a survey of the historical, methodological and philosophical approaches to Christian morality with reference to the ethical dilemmas that confront the modern world.
Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 312 History of Christian Spirituality 1
A survey of influential voices and movements in Christian spirituality from the origins of the tradition to the early Middle Ages.
Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 320 Spiritual Masters Series
An exploration of the sacred wisdom of the great masters of the spiritual life drawn from a variety of traditions, cultures and periods of history. Each semester the spiritual path of one such Great Teacher will be selected as subject for inquiry and experimentation (e.g., Jesus, the Buddha, Julian of Norwich, Hildegard of Bingen, Thich Nhat Hanh, Therese of Lixieux, Thomas Merton, Rabbi Heschel, Mother Ann Lee and the American Shakers, Dorothy Day, Thomas Berry, Bernard of Clairvaux, Teresa of Avila, Bede Griffiths, John of the Cross, Rumi, Martin Luther King, Mohammad and Black Elk).
Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 324 Christian Sexual Ethics
An exploration of the history of Roman Catholic and Protestant teaching on the meaning of human sexuality with particular attention to the sexual ethics that have developed in the Christian tradition.
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203  
Offered When Needed

RST 326 Theology of Christian Service  
(Service Learning Course)  
A critical exploration through academic analysis and community engagement into the theological meanings of Christian service, the particular interconnections of service and justice in the Hebrew and Christian scriptures, contemporary understandings of service as informed by Christian theology, Catholic social teachings, and modern day icons of faith. Service Learning Course.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203

RST 332 The Spiritual Legacy of Thomas Merton  
A study of the themes and issues that comprise the spiritual teaching of Thomas Merton, American Monk, mystic and prophet. The desire for Christian contemplation, a passion for justice and an appetite for Buddhism marked Merton’s spirituality as uniquely contemporary and catholic. A modern spiritual master, Merton has sounded the keynotes for Christian life in the new millennium. By following Merton along his spiritual path, students may explore the legacy of this exceptional teacher and draw upon his wisdom and insight for their own lives.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203

RST 336 The Church: Issues and Challenges  
An exposition of the historical and theological foundations necessary for an examination of the nature and function of the church; an analysis of selected issues and challenges facing the contemporary church, with a view to the imaginative responses made by Christian churches.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203  
Offered When Needed

RST 338 Gospels  
A detailed examination of the four canonical gospels, the process by which they were formed, the form and function of their individual parts, and the final literary and theological effect they now have as complete works.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203

RST 339 Spirituality for an Ecological Age  
An exploration of contemporary proposals for new modes of Christian praxis in response to the critical moment of 21st century Earth history, which calls for the activation of creative energies to meet the current planetary crises of climate disruption, species extinction, resource depletion, food scarcity and, in light of these, unprecedented levels of human distress and suffering. Since religious traditions perceive our environmental situation as a disorientation of human consciousness and spirit summoning moral conversion, this course asks what specifically Christian initiatives and resources are available to fund a disciplined, creative and celebratory ecological spirituality arising from the religious tradition, the new cosmology and in dialogue with other sacred and secular voices of wisdom.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203  
Offered in the Fall Semester

RST 340 Creation Masters Series  
It is urgent that the work of our age is to come into a new relationship with the natural world, so exhausted and abused by the demands of human kind. The ecological crisis, now at a critical stage, is essentially spiritual at root. Therefore, the task ahead of us will take tremendous religious awareness and spiritual commitment if we are to envision and then actualize a new sense of our human identity not against nature, but in communion with all the creatures and elements of the living Earth. This course will explore a variety of voices in the history of religions, with a special focus on Christian resources, who will guide us toward a vision of ecological wholeness. This course will take one or more masters or movements in religious cosmology under consideration each semester that it is taught. Examples include but are not limited to: Hildegard of Bingen, Celtic Creation Spirituality, the Benedictines, the Franciscans, Teilhard de Chardin, and Thomas Berry.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203  
Offered in the Spring Semester

RST 341 Story of the Universe: Foundational Cosmology and Earth History  
This class will explore the significance of the universe, the emergence of the earth, and the evolution of life as integral creative events; it will seek to identify a comprehensive narrative description of the cosmos from its primordial origin through the formation of galaxies, the birth of the solar system, the shaping of the earth, the diversity of life, and the role of human consciousness within its unfolding process.  
Credits: 3.00  
Prerequisite: any 200-level RST course excluding RST 203  
Offered in Fall & Spring
RST 370 Contemporary Peacemakers
An exploration of critical issues of peace and justice through the faith and philosophies of several modern peacemakers, highlighting the causes of human violence and injustice and the conditions for social justice and peace. Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Equivalency: PHL/RST370
Offered When Needed

RST 375 Wisdom Literature
A study of the Wisdom books of the Old Testament in detail, their similarity to extra-biblical traditions, and their influence on the New Testament writings. Analysis will be primarily literary, though there will be some historical and comparative considerations. Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered in the Spring Semester

RST 400 Internship in Religious Studies
Internships in Religious Studies with cooperating museum, NGO, church-related agency, or other related institution under the supervision of a designated faculty committee. Method and content in religious education, theological or biblical research, justice and peace advocacy, direct service, religious environmental education, and method and content in varieties of interreligious dialogue will be studied. Conferences with designated faculty members and research reports will supplement the student’s practical experiential learning. Credits: 3.00
Department Consent Required.
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 404 Catholic Creation Theology
This course traces the historical tradition of Catholic Christianity’s theology of creation, rooted in early biblical sources, particularly the Books of Genesis, Job and the Psalms; illuminated in new Testament texts, particularly Johannine and Pauline writings; explicated and refined by the Patristic teachers; metaphysically elaborated in the Scholastic masters; and flowering in a rich medieval Christian cosmology. It will also investigate the contraction and eclipse of this affirmative celebration of the mysteries of The Trinity and Incarnation in subsequent centuries, beginning with the Black Death; in response to the Protestant Reformation; the challenges of the Enlightenment; the emergence of a secular and scientific-technological global culture -- all of which contributed to the disorientation and dislocation of Christian theology and practice. Finally, and in light of the crises of the natural world, the inquiry will engage the resurgence of renewed creation consciousness and ethic of care within the Catholic community, both “from below” in popular women’s and environmental spiritualities and movements, and “from above” in academic theological and magisterial developments. Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered in the Spring Semester

RST 406 Biomedical Ethics and the Christian Tradition
An investigation of the Christian ethical tradition and its resources for an analysis of the ever-increasing challenges posed by developments in biomedicine and in the life sciences. Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 409 Jesus and Judaism
This course examines the life of Jesus in its Jewish context in an effort to uncover more accurate trajectories of continuity and discontinuity between Judaism and Christianity. The period of 2nd temple Judaism will be explored. An examination of key texts in the development of Jewish-Catholic relations since 1965 provides a contemporary perspective on the theological developments of the first century CE. Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 410 Religion and the Constitution
An examination of the concept of religious freedom as protected and defined by the First Amendment of the Constitution of the United States, considering
the historical purpose and original intent of the First Amendment’s separation of church and state, the judicial construction of the religion clauses of the First Amendment, and contemporary controversies regarding religious freedom and practice in American society.

Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 411 Prayer: Theology and Practice
An exploration of the human quest to develop the spiritual life through a study of Christian religious sources and traditions in a variety of formats and experiments with some techniques for the cultivation of spirituality through meditation practice, art, writing, music, dance, attention to nature, and commitment to service.

Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed

RST 412 Environmental Ethics and Religion
Confronted by the mounting evidence of severe and unsustainable threats to the integrity and flourishing of planetary life, this course will examine principles of ethical behavior, drawn from a comprehensive survey of global cultural traditions which support authentic earth ethic in which human responsibility and care extends to the integral community of earth’s soils, waters, air and the multiple plant and animal species that inhabit them. This theoretic orientation will be complemented by consistent consideration of actual case studies that explore the tension between humans as members of the earth community and the appropriate limits of human intervention with it.

Credits: 3.00
Prerequisite: any 200-level RST course excluding RST 203
Offered in the Fall Semester

RST 420 Special Topics in Religious Studies
These courses are designed to offer an opportunity to explore selected topics in religious studies that are either not covered in the religious studies curriculum or that will be covered in greater depth.

Credits: 3.00
Department Consent Required.
Prerequisite: any 200-level RST course excluding RST 203

RST 422 Special Topics in Religious Studies
These courses are designed to offer an opportunity to explore selected topics in religious studies which are either not covered in the religious studies curriculum or which will be covered in greater depth.

Credits: 3.00
Department Consent Required.

Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed Department Approval Required

RST 425 Special Topics in Religious Studies
An exploration of the sacred wisdom of the great masters of the spiritual life drawn from a variety of traditions, cultures and periods of history. Each semester the spiritual path of one such Great Teacher will be selected as subject for inquiry and experimentation (ex. Jesus, the Buddha, Julian of Norwich, Hildegard of Bingen, Thich Nhat Hanh, Therese of Lixieux, Thomas Merton, Rabbi Abraham Heschel, Mother Ann Lee and the American Shakers, Dorothy Day, Thomas Berry, Bernard of Clairvaux, Teresa of Avila, Bede Griffiths, John of the Cross, Rumi, and Martin Luther King).

Credits: 3.00
Department Consent Required.
Prerequisite: any 200-level RST course excluding RST 203

RST 448 Oxford University Theology
Credits: 3.00

RST 450 Senior Seminar
Directed research, readings and discussions for all religious studies majors for the purpose of coordinating the various branches of religious studies and researching topics of special interest to majors.

Credits: 3.00
Department Consent Required.
Prerequisite: any 200-level RST course excluding RST 203
Offered When Needed Capstone Course

RST1110 Introduction to the Study of Religion
An introduction to the phenomenon of religion as it manifests itself in the full range and diversity of human cultures. The course will study religion as an academic discipline, acquainting students with the conceptual analysis of religion, including the theological, psychological and sociological expressions and functions of religious traditions.

Credits: 4.00
Undergraduate Trimester Programs

RST4290 Special Topics in Religion
Credits: 4.00
Undergraduate Trimester Programs
RST4350 Christian Marriage in Contemporary Society
A historical, sacramental and humanistic approach to the relationship of marriage in the twentieth century, including an understanding of the modern problems related to interfaith and intercultural marriages, the moral issues pertinent to married life, and reflection of the potentials of married love for the spiritual transformation of spouses.
Credits: 4.00
Undergraduate Trimester Programs

SCIENTIFIC AND TECHNOLOGICAL LITERACY

The STL sequences are composed of two courses. Class meetings include lecture and laboratory, and each course is 3 credits. STL 100 is a prerequisite for each upper level STL course. Completion of STL 100 and any upper level STL course will fulfill the sequence requirement.

STL 100 Scientific and Technological Literacy: Matter, Energy, Life and Systems
A course designed to develop the foundation for the scientific literacy necessary to understand technology’s role in modern society. Basic scientific concepts underlying matter, energy, life and systems are introduced, and students engage in development of reasoning and problem solving skills associated with scientific issues. The course is an introduction with applications to ecology, human biology and health, energy transformations, and systems. Class meetings include lecture and laboratory.
Credits: 3.00
Offered in Fall & Spring

STL 115 Scientific and Technological Literacy: Environment
A continuing study of science and technology in the context of societal concern about problems related to waste, matter and energy. A variety of the types of waste produced by modern society will be studied with emphasis on management techniques, toxic effects and recycling possibilities. An integrating course which employs the student’s understanding of science, technology and systems to assess the societal impact of computer music along with its costs, benefits, and problems.
Credits: 3.00
Prerequisite: STL 100
Offered in Fall & Spring

STL 125 Science and Technological Literacy: Health Theme
A continuing study of science and technology in the context of societal concern about problems related to the understanding and sustenance of health. An integrating course that employs the student’s understanding of science, technology and some current health problem areas in order to appraise alternative futures. Technology assessment and systematic forecasting methods will be studied. Case studies and/or individual student projects will be used. Class meetings include lecture and laboratory.
Credits: 3.00
Prerequisite: STL 100
Offered in Fall & Spring

STL 145 Scientific and Technological Literacy Computer Music System
A course designed to develop the foundation for literacy necessary to deal with science and technology through a study of computer music using the MIDI. The course will employ the student’s understanding of science, technology and systems to assess the societal impact of computer music along with its costs, benefits, and problems.
Credits: 3.00
Prerequisite: STL 100
Offered in Fall & Spring

STL 155 Exercise Science
The course will examine the basic science underlying exercise and its implications on overall health and fitness. The influence and athletic training on the human body will be studied in the context of a dynamic process. After introducing the basic biochemistry, anatomy, and physiology of the bodily systems (metabolic, musculoskeletal, respiratory, cardiovascular, and nervous), a study of the effects of various exercise activities on these systems will ensue. Knowing the biology behind the structure and function of bodily systems, the rationale behind many training regimens and the fallacy behind many myths will be explored.
Credits: 3.00
Stl 100

STL 165 Humans and the Earth System
A continuing study of science and technology in the context of societal concern about problems related to the earth system and human impact. It will consider the forces at work in our physical environment, as well as human reaction and its impact on the delicate equilibrium that exists. Technology assessment and systematic forecasting methods will be studied. Case studies and/or individual student projects will be used. Two lectures, one hour laboratory per week.
Credits: 3.00
Prerequisite: STL 100
Offered in the Fall Semester
STL 175 Forensic Science
An introductory lecture and laboratory study of forensic science and its impact on society. As its name implies, forensic science is the application of scientific procedures to aid in the solving of crimes. For example, the identification and individualization of materials such as glass, hair, fibers, physiological fluids and drugs through the use of modern scientific procedures is illustrated. The value of such scientific techniques to law enforcement and the general public will be studied and case illustrations from crime laboratories will be provided. The scientific principles underlying the collection and analysis of evidence will be covered at a level appropriate for non-science majors. Students will have the opportunity to carry out many of these procedures to identify, classify, and draw conclusions from simulated evidence. Important legal decisions which impact the practice of forensic science and their implications for the general public will be examined. In addition the reliability of the various forensic sub-disciplines (for example, fingerprinting and hair analysis) will be critically examined in terms of their scientific validity. The scope of forensic science and its impact on society will be examined, for example, pollution control, art forgery, and ecological crimes.  
Credits: 3.00

STL 201 Introduction to Field and Laboratory Studies of Estuaries and Coastal Systems
Coastal regions are critically important to the United States for their natural and economic resources. These narrow strips of coastal lands are also home to more than half of our population. In order to understand the importance of coastal systems, this course will examine the biological, chemical and physical processes that make these ecosystems so dynamic. Topics to be studied include geology, water chemistry, physical oceanography, climate, pollution, ecosystem dynamics, invasive species and endemic biota. It is only through the study of the interrelationships of these processes whereby one can achieve a complete understanding of why estuaries and coastal systems are some of the most productive ecosystems on earth and have great economic and societal value. Through the combination of lecture and laboratory activities students will enhance problem-solving and critical thinking skills. The course will focus on the Hudson River and Long Island Sound since these estuaries have played a central role in the historic, social and economic development of New York, New Jersey and Connecticut. At the completion of the course, students will have an understanding of the interrelationship of coastal systems and the human population living in these regions.  
Credits: 4.00  
Prerequisite: STL 201

SECURITY AND THREAT ASSESSMENT

STA 360 Terrorism
This course is designed to provide the student with a comprehensive view of the methods and techniques utilized by government and private agencies to deal with international terrorism. Such topics will be considered: crisis management team selection, prevention strategies, family and corporate security procedures, vehicle security, report on disorders, Terrorism Task Force, and desk top emergency simulation.  
Credits: 3.00  
Prerequisite: CRJ 205  
Equivalency: CRJ/STA 360

STA 363 The Terrorist Mindset and Their Decision-Making Strategies
Topics include: terrorists’ objectives, strategies, and specific methods, including "weapons systems." The underlying causes of terrorist behavior are a fundamental consideration. The psychological, social, and legal impact of terrorism (post-traumatic stress disorder, civil liberties, etc.); various motivations of terrorists as well as common threads and themes; and the impact on counter-terrorism strategies will be examined. Some consideration on historic terrorist groups will be discussed; the main focus will be on current global terrorist threats.  
Credits: 3.00  
Prerequisite: CRJ 205

STL 202 Environmental Science of Estuaries and Coastal Systems
Coastal regions are critically important to the United States for their natural and economic resources. These
STA 370 Security Threat Assessment and Implementation
This course is designed to address strategies, plans, and implementation of security issues including domestic and global threats; preventive measures to identify and stop threats involving law enforcement, military, and political as well as “soft targets,” such as schools, hospitals, government officials and private organizations.
Credits: 3.00
Prerequisite: CRJ 205

STA 388 Crisis Management and Emergency Planning
Students will be introduced to crisis management principles, strategies, tactics and communication methods that will enable them to predict, manage, and control real-world controversies. Students will work in teams developing crisis management plans for analysis and discussion and will also hone their communication skills by conducting practice media interviews in class sessions.
Credits: 3.00
Prerequisite: CRJ 205

STA 389 Theory and Practice of Intelligence Gathering and Oversight
An exploration of the U.S. Intelligence process and the use of intelligence throughout the criminal justice system. Hands-on practice with using innovative software and analyst tools to conduct link analysis. There will be an examination of ethical issues relating to intelligence collection, the analytical process and the use of force. Laws affecting the intelligence field are examined; as well as the strain of balancing the need for secrecy with the need for oversight and the public’s access to information.
Credits: 3.00
Prerequisite: CRJ 205

SOCIAL WORK

SOW 201 The Camp Viva Experience
This one-credit course offers an introduction to the impact of HIV/AIDS on families and individuals and includes a service-learning experience. The classroom component involves an overview of HIV, a focus on related social issues and services, readings, films, an integrative paper, etc. The service component includes preparing for and participating in a Camp Viva reunion for HIV-infected and -affected families who attended the camp. Open to all students.
Credits: 1.00

SOW 204 Camp Viva Service Intensive Experience
This course offers an experiential exploration of the impact of HIV/AIDS on families and individuals. As camp counselors, students lead and participate in all daily activities of a residential camp for Westchester residents infected or affected by HIV/AIDS. Academic components include preparatory readings, extensive pre-service training, on-site individual and group supervision, reflective journals, on-site lectures, a debriefing process, an integrative paper, and several classroom meetings during the fall semester. Open to all students by application.
Credits: 3.00
Department Consent Required.

SOW 210 Introduction to Social Work
Social Work is a broad profession with common goals and purposes, practiced in a wide variety of settings. This course is designed to introduce the student to the many roles and responsibilities of the generalist social worker and explore the various settings in which social work practice takes place. The course emphasizes the impact of human diversity in addressing strengths, problems, and services. Open to all students for elective credit.
Credits: 3.00
Equivalency: SOW210/2210
Offered in Fall & Spring Open to all students

SOCIAL SCIENCES

SSC1110 Introduction to Social Science
An introduction to the scope of study and methodologies of the social sciences, with particular emphasis on sociology, political science and economics. While all social sciences are concerned with the study of human society and culture and patterns of social behavior, each approaches the study of human behavior from a unique perspective. This course will introduce different social science approaches and integrate the various disciplines through a multi-disciplinary consideration of selected social issues and case studies.
Credits: 4.00
Undergraduate Trimester Programs
SOW2220 Human Behavior and the Social Environment: Human Diversity
This course is designed to teach students the principles underlying multicultural assessment and intervention drawing on knowledge, awareness and tolerance of differences among people. Through a process of self-examination and cross-cultural participant/observation experiences, students will explore themselves and the society in which they live, develop an appreciation of the multifaceted meaning of diversity, and cultivate professional alternatives for combating discrimination, stereotyping, and oppression across age group, race, gender, class, religion, physical disability, and sexual orientation. Attention will be given to increasing students’ understanding and assessment of the impact of diversity on clients; lives through a combination of lectures, discussion, media resources, and experiential exercises. One credit of this course is satisfied by the semester long cross-cultural immersion assignment and the processing of these experiences on Discussion Board. This course is open to non-social work majors. Credits: 4.00

SOW2230 Social Welfare and Society
This course seeks to provide a basic foundation for understanding the place and function of social work in the context of the broader social welfare institution in the United States. It examines the meaning of social welfare in contemporary society. Social welfare is defined, and the history and current patterns of provision of services within social welfare systems are explored. Historical antecedents will be compared to recent approaches to the same issues. The role of values is examined, particularly as these values impact upon human behavior and the social environment. Current knowledge and theoretical perspectives stress a non-linear view of development in which there is a continuous reciprocal interchange and mutual impact among different systems (family, group, individual, community). The course brings into focus current knowledge and theoretical perspectives regarding human behavior and the social environment. One credit of this course is satisfied through a weekly lab in which students develop their cross-cultural group projects. Credits: 4.00
Prerequisites: PSY 201/1101, SOC 101/1010 or permission of the department
Offered in the Spring Semester Open to all students

SOW3130 Social Welfare Policy
The purpose of this course is to help entry-level social workers understand policy formulation, implementation and analysis, and to use them as interventive strategies for social work practice. Policies of concern to the general practitioner are studied with particular attention given to the impact of such policies on the lives of women, people of various ethnic, cultural, racial and religious groups, individuals of varying sexual orientation, those who are economically disadvantaged, and those with physical or mental disabilities. A weekly one-hour online “policy skills lab” accompanies this course, constituting the fourth credit. This course is only open to students majoring in social work. Credits: 4.00
Prerequisite: SOW 311. Majors Only.
Offered in the Fall Semester

SOW3200 Research for Social Work Practice
This course is designed to teach students basic research skills so they can develop an appreciation of the significance of research in generalist social work practice. The scientific method, as well as its alternatives, are explored with specific relevance to social work and social welfare issues. As such quantitative and qualitative research strategies are addressed. Ethical behavior and the protection of research practices are examined. The process of practice evaluation is emphasized by means of a semester-long single system design study. Additionally, a one-credit Information Literacy Lab accompanies this course. Credits: 4.00
Prerequisite or Corequisite: CS 140/110. Corequisite: SOW 3240
Equivalency: SOC317/SOW320
Offered in the Spring Semester
SOW3220 Social Work Processes I
This is the first in a sequence of three courses designed to prepare students for generalist social work practice with diverse client systems of all sizes, including the individual, the family, the small group, the organization and the community. Students are exposed to the broad theoretical base for generalist social work, to various fields of practice, and they explore a range of social work roles within the generalist framework. The planned change process is also introduced as the systematic intervention approach utilized by generalist social work practitioners and the requisite skills for its implementation are covered. A one credit skills lab is also attached to this course.
Credits: 4.00
Offered in the Spring Semester

SOW3230 Social Work Processes II
This course focuses on knowledge and skills related to interviewing, assessment, planning, contracting, goal-setting, ending and transitioning across client systems such as individuals, families, groups and communities. A multi-contextual (dimensional) framework is used to examine a wide range of factors (age, class, color, culture, diversity, ethnicity, family structure, gender, marital status, etc.) that not only differentially influence behavior, but also contribute to increased understanding of the unique ways in which people and communities respond to life crises. Appropriate research based knowledge is considered in relation to the content, process, and outcomes of practice. A one credit practicum allowing students to test out classroom learning in the context of a social agency accompanies this course.
Credits: 4.00
Prerequisite: SOW 3220
Offered in the Fall Semester

SOW3240 Social Work Processes III
This is the third in a sequence of three courses designed to introduce the student to those skills and techniques of the planned change process required for effective functioning as a generalist social worker with client systems of all sizes. Consistent with the profession’s commitment to social justice, this course pays specific attention to macro practice and the skill set required to work effectively with communities and organizations to reduce the environmental obstacles that may impede on the achievement goals. Effective strategies for cause advocacy are also examined. This course teaches, refines, and integrates practice skills needed to assess and intervene in situations involving a range of systems and a diversity of human groups. The final phases of the planned change process (i.e., implementation, evaluation, termination, and follow up) are studied in theoretical and practical application. A fourth credit is satisfied through a one-hour weekly online “skill lab” which has been designed to complement and support an in-class experiential skills component.
Credits: 4.00
Prerequisite: SOW 3230, Corequisite: SOW 3610
Offered in the Spring Semester

SOW3610 Field Instruction in Social Work I
This course is the first half of a year-long course in which the student will acquire supervised classroom instruction emphasizing development of generalist social work practice skills. The course content is directly tied to the 200-hour field practicum that students are required to complete during the semester. It will build upon, develop and further refine the principles, theories and methods of evaluation of generalist practice in the field setting. Particular attention is given to a review and deepening of the skills of effective communication and the differential use of these skills with people from diverse backgrounds.
Credits: 4.00
Corequisite: SOW 3240
Offered in the Fall Semester

SOW3620 Field Instruction in Social Work II
This is the second half of a year-long course in which the student will acquire supervised classroom instruction in the development of the skills of generalist social work practice. The course content is directly tied to the 200-hour field practicum the student is required to complete during the semester. It will continue to build upon, develop and further the understanding of principles, theories and evaluation of generalist practice as they arise for the student in the field setting. Students are also guided in the selection of a case for presentation at the “Senior Capstone Conference.”
Credits: 4.00
Corequisite: SOW 4910
Offered in the Spring Semester

SOW4910 Senior Seminar
The Senior Seminar is an integral part of the social work major and has three purposes: 1. To help students understand and explore ethical issues and dilemmas that confront social workers in practice with clients, colleagues, supervisors, agencies and communities. A model for ethical decision-making is presented and applied. Students consider how gender, racial, and/or mental disability influence value systems and impact ethical decision making in practice. 2. To provide a locus for oversight and coordination of the Senior Capstone Conference. This course’s instructor will act as mentor for the preparation process. Individual meetings with the mentor constitute the fourth credit of this course. 3. To provide for the culmination of the four-semester advocacy assignment. Students will utilize the seminar to share and solidify their experiences as policy advocates as they carry out the
last part of the advocacy assignment. Students will also prepare a professional social work portfolio.
Credits: 4.00
Corequisite: SOW 3620. Students have generally completed all other courses in the major.
Offered in the Spring Semester

SOW4950 Selected Topics in Social Work
Electives dealing with topics and issues of current interests to social workers as well as with emerging fields of practice may be developed in response to students’ needs and interests.
Credits: 4.00

SOCIOLOGY

SOC 101 Introduction to Sociology
An introduction to the principles and methods of sociology. Topics include society and culture, socialization, family, social stratification, race and ethnicity, deviance and social control.
Credits: 3.00
Equivalency: SOC101/1010
Offered in the Fall Semester

SOC 102 Social Problems
An examination of the social problems which confront present day American society, including the problems of urbanization, family instability, crime and delinquency, pollution of the environment, poverty and welfare, race and ethnic conflict, and the rapidity of social and industrial change.
Credits: 3.00
Equivalency: SOC102/1020
Offered in the Spring Semester

SOC 301 Major Social Thinkers
A study of classic and modern social theories. Classical theorists such as Marx, Durkheim, Simmel and Weber will be studied along with the modern theoretical approaches of functionalism, symbolic interactionism, conflict theory and ethnomethodology. These theories will be tested against modern principles of the logic of theory construction.
Credits: 3.00
Prerequisite: SCO 101 or 102
Offered in the Fall Semester

SOC 302 Socialization
A study of the relationship between the individual and society as a lifelong process. The roles of group behavior and social organization in shaping personality; social factors and their impact on the development of the self; how individuals are socialized into playing various roles in society.
Credits: 3.00
Offered in Alternate Years

SOC 306 Sociology of Deviant Behavior
A study of how society comes to define certain behavior as deviant; an analysis of those deviances which form social problems: drug and alcohol addiction, pornography and sexual deviance, acts of violence, and the relationship of deviant subcultures to social disorganization, social conflict and social change.
Credits: 3.00
Equivalency: SOC4063100
Offered in Alternate Years

SOC 314 Cultural Anthropology
An introduction to the principles and field work methods in cultural anthropology. A look at various traditional societies and American subcultures focusing on social organization, family and kinship, political and economic institutions, and myth and religion.
Credits: 3.00
Equivalency: SOC2414/314
Offered in Alternate Years

SOC 321 Urban Society
Social factors contributing to the development of urban areas; major urban trends including suburbanization, and regional migration; urban problems; theories and methods of studying urban areas.
Credits: 3.00
Equivalency: SOC3316/321
Offered in Alternate Years

SOC 322 Race and Ethnic Relations
Ethnic groups in American society, problems of prejudice and discrimination, myths and scientific research concerning group differences, contemporary issues and dilemmas of intergroup relations
Credits: 3.00
Equivalency: SOC3310/322
Offered in the Fall Semester

SOC 323 Social Class in America
A study of inequality in class, status and power, its consequences and the forces which tend to increase and decrease it; status seeking, social mobility and American socioeconomic class variations; influence of increasing demands of Third World countries for a larger share in the world’s resources and power.
Credits: 3.00
Equivalency: SOC3111/323
Offered in Alternate Years

SOC 324 Sex and Gender Roles in Modern Society
Study of sex roles in the contemporary United States. Emphasis will be placed on changing patterns of socialization, cross-cultural comparisons and historical development, class, race and subcultural variations, the effects of urbanism and industrialization, the feminist movement and change toward redefinition of sex roles.
SOC 325 Sociology of the Family
An examination of contemporary family systems. Topics include mate selection, child-rearing techniques, marriage and parenting, contemporary trends including divorce and the one-parent family, the dual-career family, and nonmarital cohabitation.
Credits: 3.00
Equivalency: CDS2400/SOC325/3312/IDS2400
Offered in the Fall Semester

SOC 340 Adapting to a Different Culture
This course is designed to teach individuals the importance of cultural differences, so that they can adapt to living, working and studying abroad or to living and working in a multicultural environment in the United States.
Credits: 3.00
Offered in Alternate Years

SOC 350 Research Methods
An introduction to descriptive and inferential statistics and its application to sociological research; focusing on measures of central tendency, variance, association, characteristics of normal curves, hypothesis testing, and principles of survey sampling.
Credits: 3.00
Prerequisite: SOC 101, 102, 317

SOC 370 Sociology of Religion
Religion is a social phenomenon and is in an interactive relationship with the other social units that constitute a society. The sociology of religion concerns itself with this phenomena and its relationship to the rest of society.
Credits: 3.00

SOC 371 Sociology of Sports
An analysis of the role of sports in society and how sports are a reflection of society. Areas examined include socialization, deviance, racism, sexism, economics, mass media and the future of American sports.
Credits: 3.00

SOC 372 Sociology of Popular Culture
This course will explore the wide ranging concept of popular culture and its significant place and role in people’s everyday lives. We will explore the intersections of popular culture with important sociological organizations such as the media, the culture industry, and religious institutions, in addition to the social topics such as race and ethnicity, social inequalities, and gender and sexuality. Specific readings and research will focus on today’s changing practices of cultural production and consumption in areas such as fashion and style, music and art, eating and food, tourism and globalism, and television, film and the internet.
Credits: 3.00

SOC 408 Juvenile Delinquency
A study of what constitutes delinquency, a survey of some of its causes, the effect of societal reaction, the problems of measurement, and prevention. An emphasis will be placed on contemporary issues and current research in such areas as gang behavior and methods of rehabilitation.
Credits: 3.00
Equivalency: SOC408/3315
Offered in the Spring Semester

SOC 410 Penalogy and the Sociology of Corrections
An examination of the mechanisms by which societies deal with those whose behavior is criminal; a study of the development of corrections and how it is used in contemporary societies, focusing on various models of corrections and implications for the offender, the institution, and the social planner.
Credits: 3.00
Equivalency: SOC410/3314
Offered in Alternate Years

SOC 411 Cross-Cultural Perspectives on Deviance
An examination of deviance and social control; the ways in which they are defined according to the value systems of specific cultural and social groups in traditional society and in modern Western society.
Credits: 3.00
Offered in Alternate Years

SOC 413 Mass Media and Society
A study of the social consequences of living in the Mass Media Age of TV, radio, press, and cinema; focus on media’s impact on the family, religion, education and on political-economic institutions; problems of criminal violence, censorship, mass exploitation and manipulation.
Credits: 3.00
Offered in Alternate Years

SOC 417 Research Methods in Sociology
Study of the logic and methods of sociological research: practice in formulating problems; deriving hypotheses and creating research designs; an overview of data collection and treatment techniques, field observation and participation methods; principles of sampling, questionnaire construction, survey methods, documentary analysis and credibility of records.
Credits: 3.00
Prerequisite: Soc 101, 102
Equivalency: SOC317/SOW320
Offered in the Spring Semester
**SOC 449 Sociology Practicum**
Opportunity for supervised field experience in the area of the student's particular interest in such fields as criminology, ethnic studies, sociology of the family, urban society, etc.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring Open to Seniors Only Open to juniors only.

**SOC 450 Senior Seminar**
A coordinating seminar for advanced students who wish to participate in research projects in sociology or the social sciences. Socially relevant projects will be selected from the personal interests of students registered. Each student will submit a research paper summarizing his findings and analyzing them from a social science perspective only.
Credits: 3.00
Department Consent Required.
Prerequisite: SOC 350, senior status and approval of department chair. Courses in statistics and research methods are strongly recommended as advance preparation.
Offered in the Spring Semester Open to Seniors Only Capstone Course

**SOC 490 Special Topics in Sociology**
This course is designed to offer an opportunity to explore selected topics in sociology which are either not covered in the sociology curriculum or which will be covered in greater depth. Some of the topics which may be covered in the course are: "Religion and Society," or "The Sociology of Political Economy." This course may be repeated under a different topic for additional credit.
Credits: 3.00
Department Consent Required.
Offered When Needed Chairperson Approval Required

**SPANISH**

**SPA 103 Elementary Spanish 1**
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction of short excerpts from contemporary literary works. Introduction to Spanish culture. Three hours of class instruction and one hour of laboratory work per week. Credit only for those with no previous study of Spanish.
Credits: 3.00
Equivalency: SPA103/1501
Offered in the Fall Semester

**SPA 104 Elementary Spanish 2**
Gradual development of the four language skills: comprehension, speaking, reading and writing, with an early introduction of short excerpts from contemporary literary works. Introduction to Spanish culture. Three hours of class instruction and one hour of laboratory work per week. Credit only for those with no previous study of Spanish.
Credits: 3.00
Prerequisite: SPA 103
Equivalency: SPA104/1502
Offered in the Spring Semester

**SPA 203 Intensive Intermediate Spanish**
Intensive review of the structure of the language intended to strengthen the student’s aural/oral comprehension and ability in written composition based on readings in modern literature. Three hours of class instruction and one hour laboratory per week.
Credits: 3.00
Prerequisite: SPA 104 or equivalent.
Offered in the Fall Semester

**SPA 204 Introduction to Spain and Spanish America**
An overview of the civilization and culture of Spain and the nations of Latin America highlighting their development from their beginnings to the present. Use of slides, recording, films, and a field trip will augment lecture and discussion.
Credits: 3.00
Prerequisite: SPA 203 or equivalent
Offered in the Fall Semester

**SPA 224 Spanish Conversation 1**
Conversation based on everyday topics and on readings taken from a wide range of current events in newspapers and/or magazines. The primary aim of this course is to develop a speaking ability in Spanish. Three hours of class instruction and one hour of laboratory work per week.
Credits: 3.00
Prerequisite: SPA 104 or equivalent
Offered in the Fall Semester

**SPA 225 Spanish Conversation 2**
Further conversation based on everyday topics and/or readings taken from a wide range of current events in newspapers and/or magazines. The primary aim of this course is to increase the student’s ability through an active exchange of ideas on the part of students and instructor.
Credits: 3.00
Prerequisite: SPA 224 or equivalent.
Offered in the Spring Semester
SPA 304 Spanish for Hispanics
A practical course in the structures of written and spoken Spanish for students with Spanish origin. The course is applied to those students who speak English but have a background in speaking Spanish at home.
Credits: 3.00
Department Consent Required.
Offered When Needed

SPA 305 Advanced Spanish Composition 1
Course in advanced composition intended to develop the ability to write Spanish with facility and correctness; review of grammar, treatment of stylistics, considerable writing of free essays, translation into Spanish.
Credits: 3.00
Prerequisite: SPA 203 or equivalent
Equivalency: SPA 305 / CBE
Offered in the Fall Semester

SPA 306 Advanced Spanish Composition 2
Course in advanced composition intended to develop the ability to write Spanish with facility and correctness; review of grammar, treatment of stylistics, considerable writing of free essays, translation into Spanish.
Credits: 3.00
Prerequisite: SPA 203 or equivalent
Equivalency: SPA 306 / CBE
Offered in the Spring Semester

SPA 307 Advanced Conversation 1
An intensive course in Spanish conversation designed to provide the student with a practical vocabulary while developing fluency in the use of everyday Spanish. Oral reports and discussions of topics relating to general and cultural material. Three hours of class instruction per week. Prerequisite: Any 200 level SPA or equivalent.
Credits: 3.00
Equivalency: SPA 307 / CBE
Offered in the Fall Semester

SPA 308 Advanced Conversation 2
An intensive course in Spanish conversation designed to provide the student with a practical vocabulary while developing fluency in the use of everyday Spanish. Oral reports and discussions of topics relating to general and cultural material. Prerequisite: any 200 SPA or equivalent.
Credits: 3.00
Equivalency: SPA 308 / CBE
Offered in the Spring Semester

SPA 309 Speech Patterns of Spanish
Credits: 3.00
Prerequisite: SPA 203 or equivalent
Equivalency: SPA 309 / CBE
Offered Spring Semester Alt Yr

SPA 310 Spanish Literature Origin through the 16th Century
A study of the evolution of Spanish literature from its earliest manifestations to the Baroque period; extensive reading of important authors; lectures and discussions conducted in Spanish.
Credits: 3.00
Prerequisite: SPA 305, 306, 307, or 308
Offered in the Fall Semester

SPA 311 Spanish Literature 17th to 19th Century
A study of the major trends in Spanish literature from neo-classicism through the twentieth century, including romanticism, realism, naturalism, and contemporary movements. Reading of major authors; lectures and discussions. Course conducted in Spanish.
Credits: 3.00
Prerequisite: SPA 305, 306, 307, 308 or 310
Equivalency: SPA 311 / CBE
Offered in the Spring Semester

SPA 312 Spanish American Literature from Pre-Columbian to the Present
A study of the major trends in Spanish literature from pre-Columbian writings through the Discovery, Baroque and Independence periods to the present day. Extensive readings of prominent authors, lectures and discussions. Course conducted in Spanish.
Credits: 3.00
Prerequisite: SPA 305, 306, 307 or permission of dept.

SPA 320 Written Spanish for the Business World
Intensive practice in commercial Spanish correspondence for the business or international studies major. Develops proficiency in use of standard idiomatic written Spanish and practical business terminology.
Credits: 3.00
Department Consent Required.
Offered in the Spring Semester

SPA 409 Spanish Golden Age Literature
This course is a study of major representative works from the period including narrative, poetry and drama, with particular emphasis on drama. It may include such canonical writers as Garcilaso de la Vega, Santa Teresa de Jesus, San Juan de la Cruz, Lope de Vega, Tirso de Molina, Calderon de la Barca, Quevedo and Gongora, as well as the anonymous work Vida de Lazarillo de Tormes. The works of these masters will be analyzed from a historical, ideological, socio-political and literary perspective. Course conducted in Spanish.
Credits: 3.00
SPA 411 Spanish/Latin American Cinema
This course provides an introduction to the cinema of Spain and Spanish America. The course is designed to study, among many other topics: the relationships between language and film, text and image, as well as the representation of society, culture and history. Films from Mexico, Cuba, Argentina, Spain and other countries will initiate students into discussion and readings. Students will continue with directed research into areas of interest.
Credits: 3.00

SPA 412 The History and Culture of Spain
This course is a survey of the history and culture of Spain from the earliest times to present day society. Special attention is given to the area of the Spanish Empire and to the events of the modern and contemporary periods. Cultural achievements in art (including architecture, sculpture, paintings, music, dance, folklore, etc.) are explored along with Spain’s rich heritage of popular culture and customs. Course conducted in Spanish.
Credits: 3.00
Offered in the Spring Semester Offered in Alternate Years

SPA 413 The Hispanic Heritage
A study of the Hispanic influence on the development of Latin America. The outstanding Indian Civilizations of Mexico and Peru are surveyed; the development of the present day nations is traced through the periods of discovery, conquest, colonization and independence. Particular stress is given to the current problems of these nations. Conducted in Spanish. Prerequisite: Knowledge of Spanish.
Credits: 3.00
Offered in the Spring Semester Offered in Alternate Years

SPA 415 Puerto Rican Heritage
Aspects of the civilization and traditions of the Puerto Rican culture will be discussed to help students understand social situations more fully. This course is especially designed as a service to those students who will be involved in community programs. Conducted in Spanish. Prerequisite: Knowledge of Spanish.
Credits: 3.00
Offered in the Spring Semester Offered in Alternate Years

SPA 416 Contemporary Spanish Literature
An interpretation and analysis of the major authors of the contemporary period; their impact on the philosophical, social, and political climate of Spain will be considered. Course conducted in Spanish. Prerequisite: Knowledge of Spanish.
Credits: 3.00
Offered in the Spring Semester Offered in Alternate Years

SPA 420 Miguel de Cervantes: El Quijote
This course is a comprehensive and analytical study of Cervantes’ masterpiece El Ingenioso Hidalgo don Quijote de la Mancha. It combines a close reading of the entire original work with some informative and critical materials in light of its historical, social and literary context. Special attention will be placed on the socio-cultural aspects, characters, literary trends of the time, and richness of its language and style. Course conducted in Spanish.
Credits: 3.00

SPA 426 Contemporary Hispanic American Literature
A interpretation and analysis of the major authors of the contemporary period; their impact on the philosophical, social, and political climate of Latin America will be considered. Conducted in Spanish. Prerequisite: Knowledge of Spanish.
Credits: 3.00
Offered Spring Semester Alt Yr

SPA 429 Cervantes Theater of the Golden Age
This will be an analytical study of Cervantes’ work, giving special emphasis to his masterpiece, Don Quixote. This course deals with the Spanish theater of the Golden Age with emphasis placed on the ideological and literary currents. Conducted in Spanish. Prerequisite: Knowledge of Spanish.
Credits: 3.00
Offered in the Spring Semester Offered in Alternate Years

SPA 451 Seminar in Spanish Literature
A review of the great ideas and ideals learned in the liberal arts core curriculum in light of what has been taught in major courses, with a view to integrating for the students the two branches of their programs of studies. Readings, research and discussions of selected authors, works or genres of Spanish or Spanish-American literature.
Credits: 3.00
Department Consent Required.
Offered in the Spring Semester Capstone Course

SPA 453 Independent Study
Directed research, discussion and readings in selected topics on the culture or literature of Spaniards or Spanish-Americans. Prerequisite: approval of department chair. Credits: 3.00
Department Consent Required.

SPA 490 Linked Internship in Spanish
A supervised work experience tied to an Iona College advanced course in Spanish that requires regular use of the Spanish language at an advanced level. The work may be in a variety of fields and may typically take place in a company, institute or other educational...
institutions. The student will work five to six hours a week over a period of eight to ten weeks. As the internship is designed to supplement and extend the goals of the course with which it is linked, and the student is required to meet regularly with the professor of the course, write reports related to the experience, and submit a final project. Credits: 1.00
Department Consent Required.
Prerequisite: major or minor in Spanish in good academic standing and nine credits (3 courses) in advanced courses in Spanish (300 or 400 level); by recommendation of the Department of Foreign Languages

SPA 495 Internship in Spanish
A supervised work experience tied to an Iona College advanced course in Spanish that requires regular use of the Spanish language at an advanced level. The work may be in a variety of fields and may typically take place in a company, institute or other educational institution. The student intern is required to meet regularly with an internship advisor from the full-time faculty in Spanish, write reports related to the experience and submit a final project.
Credits: 3.00
Department Consent Required.
Prerequisite: major or minor in Spanish in good academic standing and nine credits (3 courses) in advanced courses in Spanish (300 or 400 level); recommendation of the Department of Foreign Languages

SPEECH COMMUNICATION STUDIES

SCS 101 Introduction to Oral Communication
An overview of the major aspects of communication study including interpersonal communication, public speaking, small group and nonverbal interaction. This course offers practical skills towards effective communication using theoretical foundations. Students will learn techniques for improving their oral communications skills through a variety of assignments. Normally completed in freshman year.
Credits: 3.00
Equivalency: SCS1103/101/1110
Offered in Fall & Spring

SCS 205 Interpersonal Speech Communication
An in-depth course in which the student experiences the significance of his or her own abilities in speech communication. Learning will focus on communication and self, dyadic communication, and communicating interpersonally with audiences. The dynamic for this form of speech communication is nourishment in interaction.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in Alternate Years

SCS 225 Public Speaking
A study of theories of public speaking and practice in the development of effective oral communication. Fundamental theories of rhetorical criticism will be studied and applied to chosen speakers and speeches.
Credits: 3.00
Prerequisite: SCS 101 or equivalent

SCS 230 Communication for Healthcare Professionals
This course will provide a basic overview of the theories and practicalities of communication in healthcare. It will examine the relational components necessary in healthcare provider/patient relationships. Additionally, students will learn communication competence and effective communication in terms of the healthcare situation.
Credits: 3.00
Offered in the Spring Semester

SCS 231 Narrative and Storytelling in Healthcare
Focusing on patient-centeredness, this course seeks to utilize storytelling and narrative as a means of intake and interviewing in healthcare. The course will examine the therapeutic aspects of storytelling and its effects on the mind-body connection. Additionally, it will analyze mutual self-disclosure, illness narratives, and the humanistic approach to healthcare. Class discussions will explore how building rapport and trust in a healthcare situation can increase the likelihood of releasing the kernel story of the patient/client. Understanding of the student’s own health and illness stories will also be explored.
Credits: 3.00
Offered in the Fall Semester

SCS 301 Clinical Linguistics
This course is designed to provide undergraduate students of speech language pathology and audiology with an introduction to the field of linguistics and its various subfields (semantics, syntax, morphology, phonology, sociolinguistics, bio-linguistics, neurolinguistics) along with their applications to the field of clinical linguistics, i.e., the sub-field of linguistics that studies the application of linguistic theory to the field of Speech and Language Pathology. The course is tailored specifically to meet the needs of speech and language pathology majors and it satisfies guidelines relative to the interface between the disciplines of linguistics and speech language pathology. The course provides theoretical background to understand how the brain processes language in standard and non-standard contexts and determines the expected outcomes when a component of grammar is impaired.
Credits: 3.00
Prerequisite: SCS 101
SCS 302 Vocal Skills for Communication
A study of voice and articulation patterns for social and professional use. The course focuses on the enhancement of these patterns, as needed, and on their use for the expression of personality.
Credits: 3.00
Prerequisite: SCS 101
Equivalency: SCS 3020/302
Offered in Alternate Years

SCS 304 Business and Professional Speaking
Techniques of oral communication in business and the professions. The psychological concepts and the physical techniques underlying effective performance in interviewing, conference work and public presentations will be studied.
Credits: 3.00
Prerequisite: SCS 101 or permission of department chair. Equivalency: SCS 304/SCS 4110
Offered in Alternate Years

SCS 319 Bilingualism and Speech-Language Disorders
This course offers an overview of bilingualism and bilingual language acquisition from a linguistic, sociolinguistic, and speech language pathology perspective. The course explores various aspects of bilingual behaviors, such as code switching and language mixing, in terms of their social functions within the bilingual community as well as in terms of neuro-linguistic organization in the individual speaker. The course will prepare speech-language pathology clinicians to work with bilingual children with language impairments, and it will help them acquire the tools to perform accurate language assessments on bilingual children avoiding all possible misdiagnosis.
Credits: 3.00
Prerequisite: SCS 301, 361 and 368

SCS 320 Argumentation and Debate
A course that includes basic elements of argumentation; techniques of debate. A variety of debating opportunities will be required in order to discuss and practice the rules that govern debate.
Credits: 3.00
Prerequisite: SCS 101 or permission of the department chair. Offered in Alternate Years

SCS 323 Persuasion
A study of the art of influencing belief. The course will focus on the bases of belief and the strategies and techniques for reinforcing and altering beliefs. Studies will include the variations in strategies that occur when the forum alters from public address to mass propaganda.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in Alternate Years

SCS 330 Communication, Technology, and Society
Explores how persuasive communication has affected our perception and employment of technology in society and how those technologies have, in turn, affected public discourse and interaction. Examines modern technological mythologies and their origins.
Credits: 3.00
Prerequisite: SCS 101
Equivalency: SCS 330/3101
Offered in Alternate Years

SCS 332 Problems in Media Communication
A study of those areas of media communication which have come to bear on our lives and the future of mankind. Specific units of study in freedom of speech and censorship; interpretative reporting; political, commercial and social propaganda.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Equivalency: SCS 332/SCS 3102
Offered in Alternate Years

SCS 334 Gender Differences in Human Communication
This course explores differences in the strategies employed by females and males in intrapersonal, interpersonal and group communication.
Credits: 3.00
Equivalency: SCS WST 334/3340
Offered in Alternate Years

SCS 346 Intercultural Communication
The focus of this course will be a study of the special problems of communication that emerge when people from different cultures attempt to communicate. The problems of different assumptions as starting points for discourse, language as basis of sensitivity and perception, nonverbal messages, and cultural norms and values will be considered.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Equivalency: SCS 4103/SCS 346
Offered in Alternate Years

SCS 360 Human Communication Theories
A study of the psychological principles involved in speech as a form of human behavior and application of these principles to individual and group problems in speech. Areas to be considered will include communication theories and models, language development, perception, attitude change and nonverbal communication.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Equivalency: SCS 360/3600
Offered in Alternate Years
SCS 361 Normal Acquisition of Speech and Language
The course will cover the perception, production emergence, development and interrelationships of the five components of speech and language: phonology, syntax, morphology, semantics and pragmatics. Theoretical issues of language acquisition will be introduced. This course focuses on early (ages 0-3 years) language acquisition.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Spring Semester

SCS 362 Introduction to Communication Disorders
This course is an introduction to the study of communication and its disorders throughout the lifespan. It provides an overview of the professions of speech-language pathology and audiology, its history, the types of disorders encountered, their evaluation and treatment, and the ethical standards and credentialing requirements as set forth by the American Speech-Language-Hearing Association. An integral component of this course is extracurricular observation of assessment and therapy sessions conducted by speech-language pathologists.
Credits: 3.00
Offered in the Spring Semester

SCS 363 Phonetics
A foundation course in articulatory phonetics. A detailed study of the sounds of American English. Broad and narrow phonetic transcription are taught using the International Phonetic Alphabet.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Spring Semester

SCS 364 Anatomy and Physiology of the Speech Mechanism
A study of the anatomy and physiology of the skeletal and respiratory systems, the larynx, the skull and the nervous system as related to normal and abnormal speech production.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Spring Semester

SCS 365 Introduction to Hearing Science
A study of the anatomy and physiology of the ear; responses of normal and pathologic ears to changes in sound stimuli, with particular concern for the application of this knowledge to the understanding of diagnostic tests of audiology and methods of rehabilitation of the hearing impaired. Introduction to principles of acoustics.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Spring Semester

SCS 366 Audiology
A review of the principles of normal aspects of sound and hearing, and an introduction to the disorders of hearing and evaluation of the auditory system. Additional time will be required for students to practice equipment technique.
Credits: 3.00
Prerequisite: SCS 365 or permission from the chair
Offered in Alternate Years

SCS 367 Aural Rehabilitation
A study of the communicative problems related to hearing impairment, as well as the theoretical and practical aspects of management of the hearing impaired child and adult. Emphasis on the nature and use of hearing aids, principles of speech reading, problems of speech intelligibility of the deaf, and considerations of educational placement for the hearing impaired child.
Credits: 3.00
Prerequisite: SCS 365 & 366
Offered in Alternate Years

SCS 368 Speech Pathology I
Introduction to the study of normal and disordered speech and language development; the social and emotional implications of communication disorders; the etiology, symptomatology and treatment of language-based communication disorders in children and adults.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Fall Semester

SCS 369 Speech Pathology II
Continued study of normal and disordered speech, voice and fluency in children and adults, and of the etiology, symptomatology and treatment of dysphonias, dysrythmias, dysarthrias and dyspraxias.
Credits: 3.00
Prerequisite: SCS 368
Offered in the Spring Semester

SCS 370 Small Group Communication
Experiential learning involving the theory and practice of group interaction. The student will be exposed to the dynamics of building relationships with members of a group and exploring directions of mutual group interest. The student will learn group processing and methods of evaluating group progress.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Equivalency: SCS2104/370
Offered in Alternate Years
SCS 372 Introductory Field Experience in Speech-Language Pathology and Audiology
Twenty-five hours of observation in approved speech and hearing clinics, hospitals, schools and/or private practices. Students will be expected to keep a log of activities, submit reports of observations and cooperate with the speech-language pathologists and/or audiologists that they observe. Planned seminars will be used to discuss observations, explore opportunities in communication disorders, and to aid students in defining career goals. This course also fulfills the requirements set forth by the American Speech-Language and Hearing Association for observation prior to clinical practicum.
Credits: 3.00
Prerequisite: SCS 368
Offered in Fall & Spring

SCS 373 Speech Science
This course is designed to provide students with a comprehensive knowledge of the scientific basis of speech production, including an understanding of the acoustics, aerodynamics, and articular biomechanics of speech production and related non-speech behaviors, its measurement, and an overview of the various theories of speech perception and production.
Credits: 3.00
Offered in the Spring Semester

SCS 375 Interviewing
The theory and practice of effective interviewing for both interviewer and interviewee will be discussed: creating rapport, barriers to interviewing effectiveness, styles of listening, categories of interview questions, effective verbal and nonverbal interviewing behaviors, and directive versus nondirective approaches. Students will participate in different types of evaluated interview settings, such as information-gathering, employment, persuasive, problem-solving and counseling interviews.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in Alternate Years

SCS 380 Communication Problems in the Aging
This course examines the conditions which influence the speaking and listening habits of the aging, identifies the physiological, emotional and environmental factors which contribute to the deterioration of communication abilities, and delineates methods of helping the elderly to improve their patterns of communication.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Offered in the Fall Semester

SCS 400 Independent Study in Communication
Independent research designed to enable the student to examine, in depth, a specific area of speech communication or communication sciences. Work to be done under the supervision of an assigned advisor. Students may take a second independent research course for credit by enrolling in SCS 402.
Credits: 3.00
Department Consent Required.
Offered in Fall & Spring

SCS 401 Internship in Speech Communication
Students will have the opportunity for professionally supervised field experience in an agency related to their major concentration. The objective of the practicum is to provide first-hand learning and work experience in a non-academic institution. Seminars and reports will supplement agency supervision.
Credits: 3.00
Department Consent Required.
Offered in the Spring Semester

SCS 415 Special Topics in Speech Communication Studies
This course is designed to offer an intensive study of an area of speech communication that is not currently covered extensively by existing courses. Some of the topics which may be covered include “Family Communication,” “Narrative Communication,” “Political Rhetoric,” and “Communication Skills and Theories for the Healthcare Professional.”
Credits: 3.00
Offered in the Spring Semester

SCS 418 Principles of Clinical Management in Speech-Language Pathology I
Supervised clinical practice in the treatment of speech and language disorders will be provided to qualified students, as detailed in departmental policy documents.
Credits: 3.00
Prerequisites: SCS 361, 368, 369, 372 and permission of the department chair or instructor.
Offered in the Fall Semester

SCS 419 Principles of Clinical Management in Speech-Language Pathology II
Continuation of supervised clinical practice in the treatment of speech and language disorders will be provided to qualified students, as detailed in departmental policy documents.
Credits: 3.00
Department Consent Required.
Prerequisite: SCS 418 and permission of department chair.
Offered in the Spring Semester
SCS 420 Principles of Clinical Management in Speech-Language Pathology III
In this course, students will study how research and theory about phonological, syntactical, semantic and pragmatic development are put into clinical practice. Topics include the techniques for treating disorders of articulation, voice, fluency and language, as well as the current tests and measurements used in the diagnosis of speech and language disorders. Opportunities for supervised clinical experience will be provided to qualified students.
Credits: 3.00
Department Consent Required.
Prerequisites: SCS 363, 368, 369 & 372 and permission of department chair or advisor
Offered Fall, Spring & Summer

SCS 430 Swallowing Disorders in Adults and Children
This course is designed for students to demonstrate an understanding of the anatomy related to swallowing disorders. Students will demonstrate knowledge related to dysphagia including but not limited to stages of swallowing, characteristics of swallowing disorders, evaluation, treatment, tracheotomy and ventilation.
Credits: 3.00
Prerequisites: SCS 101, 362 and 364
Offered Spring Semester Alt Yr

SCS 431 Evaluation Procedures for Diagnostic Purposes in Speech-Language Pathology
This course is designed for students to study formal and informal diagnostic assessments used across the lifespan and procedures used for multicultural populations.
Credits: 3.00
Offered Fall Semester Alt Yrs

SCS 432 Medical Speech Pathology
This course is an introduction to the practice of speech-language pathology within medical settings. It covers core knowledge considered essential to prepare students to work as speech-language pathologists in an acute care or rehabilitation setting, nursing home, or otherwise conduct assessment and therapy of medically-involved patients. Topics include chart notes and communicating with the medical team, common medications, the neurological examination, imaging studies, head and neck oncology, swallowing, and managing tracheostomized patients. The role and responsibilities of the speech-language pathologist in the Otolaryngology (Ear, Nose, and Throat) and Rehabilitation Departments is examined.
Credits: 3.00
Prerequisites: SCS 101, 364, 368 and 369
Offered Spring Semester Alt Yr

SCS1110 Oral Communication
A course designed to provide an overview of the major areas of communication including interpersonal, intercultural, public speaking, group and nonverbal interactions. Once defined, practical application of these concepts will be employed. Students will learn techniques for developing informative, persuasive and ceremonial speeches. Appropriate oral communication for the business and professional setting will be discussed and performed.
Credits: 4.00
Undergraduate Trimester Programs
Equivalency: SCS1110/SCS101

SCS4110 Business and Professional Speech Communication
A practical study of the communication process as it relates to the fields of business management and professional practice. This course is concerned with the psychological concepts and the physical techniques needed for effective performance in public speaking, professional and business presentational speaking, interviewing and conference work in business and industrial situations. Credits: 4.00
Prerequisite: SCS 101 or 1103 and permission of instructor.
Equivalency: SCS304/SCS/4110

WOMEN’S STUDIES
WST 201 Women in the United States: In the Family, at the Workplace, and in Political Life
This interdisciplinary course will focus on the multiple and changing roles of women. Common concerns such as healthcare and the legal and economic status of women in the United States will be explored, along with the influence of race, cultural and class backgrounds. Students will investigate a range of disciplinary approaches to the study of women’s lives and use these tools of analysis to reflect on their experiential knowledge of women.
Credits: 3.00
Equivalency: WST 201/ WST 1101O OR 2200
Offered When Needed

WST 208 Women and Art
An ‘art appreciation’ approach to the major issues and the vast body of artworks of women artists throughout the history of art. Examines the impact of “female creative energy” on artistic traditions, with an emphasis on 20th Century works. An exploration into the depths of technical innovation, iconographic originality, and artistic influence and status of women in contemporary culture through selected readings, film, and slide study, research and discussion. Required NYC museum and gallery visits.
Credits: 3.00
Equivalency: FPA3200/320/WST320
WST 275 Women in Dance
The course examines the contributions and innovations of women as choreographers, dancers, and dance educators and dance critics. Focus is placed on how women have shaped the creation and profile of dance as an art form in the Western theater and what informs their artistic vision. Further consideration will be given to how society has evaluated, viewed and at times directed the role of women in this discipline. Students will attend two concerts; one in New York City and one at Iona College. Coursework involves lecture, discussion and viewing of dance works.
Credits: 3.00
Equivalency: FPA/WST 275
Offered in Alternate Years

WST 307 Psychology of Women
This course examines the scientific evidence regarding sexual differences and the controversies about these differences. Crucial issues affecting contemporary women and the women's movement are examined from a psychological perspective.
Credits: 3.00
Equivalency: PSY307/3360/WST307
Offered in the Spring Semester

WST 324 Sex Roles in Modern Societies
Study of sex roles in the contemporary United States; emphasis will be placed on changing patterns of socialization, cross-cultural comparisons and historical development, class, race and subcultural variations, the effects of urbanism and industrialization, the feminist movement and change toward redefinition of sex roles.
Credits: 3.00
Equivalency: WST/SOC324/SOC/WST3050
Offered When Needed

WST 334 Gender Differences in Human Communication
This course explores differences in the strategies employed by females and males in intrapersonal, interpersonal and group communication.
Credits: 3.00
Prerequisite: SCS 101 or equivalent
Equivalency: SCS WST 334/3340
Offered in Alternate Years

WST 337 Gender and Politics
This course examines the role of gender in American politics. The word, gender, includes more than biological differences between men and women, and includes how the public interprets these differences and values some qualities over others. Elections are highly gendered, how we interpret political behavior is influenced strongly by gendered language (metaphors of war and professional sports), and our expectations about the characteristics, behavior, and appearance of political actors are shaped by gender. Current research on gender differences in seeking public office, and the influence of gender on the political behavior of elected officials will be explored.
Credits: 3.00
Equivalency: POL/WST 337
Offered Fall Semester Alt Yrs

WST 384 Images of Women in Modern American Literature
This course provides an intensive study of the presentation of women in the works of major American writers from the turn of the century to the present.
Credits: 3.00
Equivalency: ENG/WST384/4435/3840
Offered in Alternate Years

WST 409 Females in Crime and Delinquency
This course examines the myths and realities concerning females in crime and delinquency. It includes analysis of causes of deciance, types of involvement and treatment of females in the justice system (law, courts, prison and parole) with an emphasis on current research findings.
Credits: 3.00
Equivalency: WST/SOC 409
Offered in Alternate Years
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TBD  
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Director of Business Services

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** “Bene Merenti” Award for 30 years of service to Iona College
*** “Pro Multis Annis” Award for 40 years of service to Iona College
**** “Facere Et Docere” Award for 50 years of service to Iona College
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* Brian E. Brown, Professor of Religious Studies 1987. BS, MA, PhD, Fordham University; JD, New York University, 1986.

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*** Robert A. Burns, Associate Professor, Marriage and Family Therapy, Coordinator of the Department, 1969. BS, Manhattan College; MS, Fordham University; PhD, St. John’s University, 1971, AAMFT Approved Supervisor.

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Anna Clark, Assistant Professor of English, 2014. A.B., University of Chicago; M.A., Columbia University; Ph.D., Columbia University, 2013

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Nancy Lopes, Adjunct Professor of English 2007. BA, University of Rhode Island; DA, Teachers College, Columbia University, 1982.

Domenico Loschiavo, Adjunct Professor of Finance 2013. BA, Universita Di Messina, Messina, Italy; MBA Fontainebleau, France 1972.

Frank Maddalena, Adjunct Instructor of Foreign Languages 2005. BA, Iona College; MA, Queens College.


Patricia Marino, Adjunct Instructor of Psychology 2003. BS, SUNY Binghamton; MA, New York University; PhD, Ferkauf Graduate School or Psychology, 2005.

Donna Martuge, Adjunct Instructor of Psychology 1996. BA, MS, College of New Rochelle, 1994.

Danielle Mastromarino, Adjunct Professor of Mass Communication 2009. BA, Iona College; MS, Pratt Institute, 2008.


Martin McCormack, Adjunct Instructor of English 2006. BA, JD, Fordham University, 1962.

Gerald McKinstry, Adjunct Assistant Professor of Mass Communication, 2003. BA, Manhattan College; MS, Iona College, 2001.


Robert McPhillips, Adjunct Professor of English 1988. BA, Colgate University; MA, PhD, University of Minnesota, 1987.

Patricia A. Meehan, Adjunct Instructor of Management 2013. BA, Cornell University; MBA, Iona College 2012.

Stephen Metzger, Adjunct Professor of Economics 2003. BA, Yale University; MA, PhD, Rice University, 1971.

James Micik, Adjunct Professor of Biology 1986. BS, MS, Central Connecticut State University; MS, University of Bridgeport; MEd, ED, Columbia University, 1986.


Robert Monteleone, Adjunct Professor of Psychology 1989. BA, MA, MS, Iona College, 1994.

Scott Morgan, Adjunct Instructor of English 2010. BA, Iona College; MSEd, Queens College, 2009.
Barbara Nachman, Adjunct Professor of Mass Communication 2007. BA, New York University; MA, Columbia University, 1967.

Kenneth Nanus, Adjunct Professor of Mass Communication 2001. BA, MA, Boston University; MBA, Long Island University, 1988.


John J. O’Connor, Adjunct Professor of Finance, Business Economics and Legal Studies 2004. BS, JD, Fordham University; LLM, New York University, 1976.

 Ji-Young Oh, Adjunct Assistant Professor of Psychology 2004. BA, Ewha Women’s University; MA, PhD, New York University, 1993.

 Deb Volberg Pagnotta, Adjunct Professor of Speech Communication Studies, 2010. AB, Brandeis University; JD, University of California, Hastings College of Law, 1981.


 Fr. John Perricone, Adjunct Professor of Philosophy, 2008. AB, Seton Hall University; MA, Immaculate Conception Seminary; MA, St. John’s University, 1981.

 Joseph Petrella, Adjunct Instructor of Education. BA, MS, City College of New York; ME, Yeshiva University, 1963.

 John Politi, Adjunct Professor of Management 2013. BS, Iona College; MBA, Iona College 2011.

 Carl Procario-Foley, Adjunct Associate Professor of Religious Studies, Director of Campus Ministries, 1991. BA, St. John’s University; MTS, Catholic Theological Union, 1987.


 Judith Rosenthal, Adjunct Assistant Professor of Psychology 2004. BA, Union College; MA, MEd, Columbia University, 1987.

 Martin Roth, Associate Adjunct Professor of Psychology, 2013. BA, Yeshiva University; MS, Brooklyn College; PhD, Fordham University (1982).

 Jennifer Rubinstein, Adjunct Instructor, 2013. BA, Lafayette College; MA, State University of Albany; MA, Teachers College Columbia University; MS, Yeshiva University, 2011.


 Matthew Sampson, Adjunct Professor of Mass Communication 2004. BS, Cornell University, 1972.


 Barbara Scher, Adjunct Professor of Education 2004. BA, Brooklyn College; MS, City College, 1992.


 Michelle Serpurh, Adjunct Professor of Education 2003. BS, St. John’s University; MS, College of New Rochelle, 1998.

 Ryan Seslow, Adjunct Professor of Fine and Performing Arts 2005. BFA, University of Hartford; MFA, Long Island University, 2004.

 Alan Sheptin, Adjunct Instructor of Mathematics, 2011. BA, University of Pennsylvania; MBA, Fordham University, 1996.

 Kenneth Shouler, Adjunct Instructor of Philosophy, 2005. BA, St. Bonaventure University; PhD, City University of New York, 2007.

 John Small, Adjunct Instructor of English 2003. BA, MA, St. John’s University, 1989.

 Rosa Solano, Adjunct Instructor of Foreign Languages 2005. BA, Mercy College; MA, Long Island University; MST, Iona College, 2004.

 Joseph Soury, Adjunct Instructor of Education 2001. BA, MS, City College of New York; EdD, New York University, 1968.


 Joseph Staluppi, Adjunct Professor of Mass Communication. BFA, Pratt Institute.

 Martin Steinbaum, Adjunct Associate Professor of Physics 1986. BA, MA, Adelphi University, 1968.

Robin Tedesco, Adjunct Professor of Fine and Performing Arts 2007. BFA, Moore College of Art; MFA, University of Delaware, 1995.

Catherine Tharin, Adjunct Professor of Fine and Performing Arts 1996. BA, Connecticut College; MA, Columbia University, 1986.

Noel Thayer, Adjunct Instructor of Speech Communication Studies, 2009. BA, Speech-Pathology and Audiology, Loyola College, Maryland; MA, University of Massachusetts, Amherst, 1997.

Marlin Thomas, Adjunct Assistant Professor of Computer Science, Director of Academic Support, 1990. BA, Queens College; MA, Johns Hopkins University, 1978.

Vito Tomanelli, Adjunct Professor of Social Work 2005. BS, Iona College; MSW, Fordham University, 2003.

Patrick J. Tormey, Adjunct Professor of Marketing and International Business 2003. BBA, Baruch College (CUNY); MBA, Iona College, 1978.

Leonard A. Trugman, Adjunct Professor of Management and Business Administration 2003. BE, City College of New York; MS, Polytechnic Institute; MBA, Fairleigh Dickinson University, 1975.


Joseph Tusa, Adjunct Professor of Philosophy, 1987. MA, Teachers College, Columbia University, 1984; M.Phil, Teachers College, Columbia University; 1991.


Joseph Verdicchio, Adjunct Professor of History. BA, Fordham University; PhD, New York University, 1980.

Thomas Vesey, Adjunct Professor of Biology 1990. BS, Iona College; MS, Fordham University, 1976.

Frank Veteri, Adjunct Professor of History, 2007. BA, Iona College; MA, New York University; MS, Manhattan College; DA, Saint John’s University, 1999.

Maria Vittoria, Adjunct Assistant Professor of Marketing 2003. BA, SUNY Albany; MBA, Adelphi University.

Alan Wachtel, Adjunct Instructor of Philosophy, 2013. BA, Philosophy/Psychology, Clark University; MA, St. John’s College, 1997.

Robert Wainwright, Adjunct Professor of Mathematics 2002. BS, Purdue University; MS, New York University; MBA, Purdue Krannert School of Business, 1965.

Robert Walker, Adjunct Instructor of Information Systems 2003. BE, University of Guyana; MBA, Baruch College (CUNY).

Maureen Walker, Adjunct Associate Professor of Accounting 2000. BS, Brooklyn College; MBA, University of New Haven, 1989; CPA (New York).

Mary Ward, Adjunct Professor of Religious Studies, 2005. BS, Manhattan College; MA, Franciscan University; PhD, Fordham University, 1994.

John Williamson, Adjunct Professor of Education 2005. BA, MS, City College of New York; PhD, St. John’s University, 1976.

Michael Witsch, Adjunct Professor of Mass Communication 2009. BA, Rutgers University; MA, New School, 1976.

Paul Zahn, Adjunct Instructor of Mathematics 2004. BS, Columbia University; MS, University of Chicago; MS, Columbia University.

Josefina Zuluaga, Adjunct Professor of Foreign Languages 2005. BBA, Interamerican University Puerto Rico; MS, Queens College, 2003.
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2014-2015 UNDERGRADUATE CATALOG 263
Directions to Iona College
NEW ROCHELLE CAMPUS
715 NORTH AVENUE
NEW ROCHELLE, NY 10801-1890

1. FROM UPPER NEW YORK STATE AND UPPER WESTCHESTER COUNTY. New York State Thruway to Cross Westchester Expressway (Interstate 287). East to Hutchinson River Parkway. South to Exit 18, Mill Road. Right on Mill Road to light, then right on North Avenue. Follow North Avenue two miles to gates of the College on your left.

2. FROM NEW ENGLAND AND UPPER WESTCHESTER COUNTY. Interstate 95 (Connecticut Turnpike, New England Thruway) to Cross Westchester Expressway (Interstate 287). West to Hutchinson River Parkway. See #1, directions to College from Hutchinson River Parkway.

Alternate Route: Interstate 95 south to Exit 16. Follow signs to North Avenue. Right onto North Avenue, proceed one mile to gates of the College on your right.

3. FROM MIDTOWN MANHATTAN—F.D.R. (East River) Take the F.D.R. to the bridge at Willis Avenue. Bridge connects to the Major Deegan Expressway North. Stay left after crossing bridge. Follow to Cross County Parkway East. Proceed east to Exit 10, New Rochelle Road, Eastchester. Turn right and proceed to fourth traffic light. Turn left on Eastchester Road to end, then right on North Avenue. At second traffic light make left onto campus.

FROM MIDTOWN MANHATTAN—WEST SIDE Take the West Side Highway to the Henry Hudson Parkway North to the Cross County Parkway East. Proceed east to Exit 10, New Rochelle Road, Eastchester. Turn right and proceed to fourth traffic light. Turn left on Eastchester Road to end, then right on North Avenue. At second traffic light make left onto campus.

Alternate Route: F.D.R. to Bruckner Expressway to Hutchinson River Parkway. North to Exit 14, Pelhamdale Avenue, New Rochelle Road, New Rochelle. Turn right at light on New Rochelle Road, left on Eastchester Road to North Avenue, right on North Avenue to second traffic light, then left onto campus.

4. FROM THE BRONX. Interstate 87 (Major Deegan Expressway). North to the Cross County Parkway East, proceed to Exit 10. See #3, directions to the College from the F.D.R. Drive.

Alternate Route: Hutchinson River Parkway North to Exit 14. See #3, Alternate Route to the College from F.D.R. Drive.

5. FROM LONG ISLAND. Whitestone Bridge. Follow signs to Hutchinson River Parkway. Proceed North to Exit 14. See #3, Alternate Route to the College from F.D.R. Drive.

6. FROM NEW JERSEY (WEST AND SOUTH). Holland Tunnel, Lincoln Tunnel or George Washington Bridge to Henry Hudson Parkway. North to Cross County Parkway East, proceed to Exit 10. See #3, directions to the College from F.D.R. Drive.

7. BY RAILROAD AND IRT SUBWAYS. New Haven Railroad to New Rochelle Station. Exit to North Avenue and take a taxi or #45 bus to College.

New York City subways: West Side subway (uptown), change at 180th Street for 241st Street-White Plains Road train. At White Plains Road and 241st Street take #42 bus to North Avenue and Main Street, New Rochelle. Transfer to #45 bus to College.

8. BY AMTRAK. Amtrak North East Corridor Service to New Rochelle Station. Exit to North Avenue and take a taxi or #45 bus to College.

9. BY BUS. From Pelham Bay Station in the Bronx, take #45 bus directly to the College. (This runs Monday thru Friday.)

From Fordham Road and Valentine Avenue in the Bronx take Fordham Road bus to North Avenue and Main Street. Take #45 bus north to the College.

From 241st Street and White Plains Road, take #42 bus to Main Street and North Avenue. Transfer to #45 bus to the College.

10. BY PLANE. From John F. Kennedy and LaGuardia Airports: Interstate 678 North to the Whitestone Bridge. See #5, directions to the College from the Whitestone Bridge.

From Newark Airport. Interstate 95 (New Jersey Turnpike). North to Interstate 80 east. Follow signs for the George Washington Bridge. See #6, directions to the College from the George Washington Bridge.

From Westchester Airport: Interstate 684 South to the Hutchinson River Parkway. See #1, directions to the College from the Hutchinson River Parkway.
General Information:
Located in Rockland County within 30 minutes of Manhattan/New York City, 20 minutes from White Plains, NY, and 25 minutes from Iona College’s New Rochelle campus.

NJ Transit, with service to Manhattan, is five minutes away at the Pearl River train station.

Located 2.5 miles off exit 6W of the Palisades Interstate Parkway.

Directions:

1. **Directions from Westchester & North:**
   I-684 to I-287 West across Tappan Zee Bridge or I-87 South from Albany. Exit to Palisades Interstate Parkway (PIP) South. Take Exit 6W off the PIP, and proceed west for approximately three miles. Blue Hill Plaza will be on the left.

2. **Directions from NJ & South:**
   New Jersey Turnpike North toward George Washington Bridge. Just before the bridge, exit to the Palisades Interstate Parkway (PIP) North. Take PIP to exit 6W, follow ramp to Orangeburg Road and proceed west for approximately three miles. Blue Hill Plaza will be on the left.

3. **Directions From New York City:**
   Henry Hudson Parkway to George Washington Bridge. Right after the bridge, exit to the Palisades Interstate Parkway (PIP) North. Take PIP to exit 6W, follow ramp to Orangeburg Road and proceed west for approximately three miles. Blue Hill Plaza will be on the left.
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Accreditations, Memberships, Policies

Iona College is chartered, empowered to grant degrees, and has its programs registered by the New York State Education Department, Office of Higher Education, State Education Building - 2nd floor, West Mezzanine, Albany, NY 12234, (518) 472-3862. Iona College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104-2680, (215) 662-5606.

ADDITIONAL ACCREDITATIONS
The Accrediting Council on Education in Journalism and Mass Communication - ACEJMC (Department of Mass Communication, Iona College)

Accreditation Board for Engineering and Technology - ABET (Department of Computer Science, Iona College)

The American Chemical Society - ACS (Department of Chemistry, Iona College)

The Association to Advance Collegiate Schools of Business - AACSB International (The Hagan School of Business, Iona College)

The Council on Social Work Education - CSWE (Department of Social Work, Iona College)

The National Council for Accreditation of Teacher Education/Council for the Accreditation of Educator Preparation - NCATE/CAEP (Department of Education, Iona College)

The Commission on Accreditation for Marriage and Family Therapy Education - COAMFTE (Marriage and Family Therapy, Iona College).

The National Association of School Psychologists - NASP (Department of Psychology, Iona College)

College Reading and Learning Association (CRLA) (Samuel Rudin Academic Resource Center)

Accreditation Candidate, Council on Academic Accreditation, American Speech Language Hearing Association (Speech Language Pathology, Iona College)

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974
Iona College informs students of the Family Educational Rights and Privacy Act of 1974, as amended. This Act, with which the institution intends to comply fully, was designated to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Local policy explains in detail the procedures used by the College for compliance with the provisions of the Act. Copies of the policy can be found in the Registrar's Office. The Registrar's Office also maintains a directory of records which lists all educational records maintained on students by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Registrar.

STUDENT PARTICIPATION IN ESTABLISHED RELIGIOUS OBSERVANCES
It is the policy of Iona College that students should not experience adverse or prejudicial effects as a result of their religious beliefs or practices. If a student notifies an instructor in writing within fifteen days of the beginning of a semester that the student will be absent from class on a particular day or days due to participation in an established religious observance, there will be no penalty for absence. If an examination or other course requirement is missed, an opportunity will be provided to satisfy the requirement.

TITLE IX OF THE EDUCATION AMENDMENTS OF 1972 PROHIBITING SEX DISCRIMINATION IN EDUCATION
Iona College does not discriminate on the basis of sex in its educational programs or activities, as required by Title IX Regulations of the Education Amendments of 1972 and Part 86 of the Regulations of the Department of Health, Education and Welfare. This requirement not to discriminate in educational programs and activities extends to employment therein.
For additional information about Title IX, please contact:
Mary Ellen Callaghan
Senior Policy Advisor and Chief of Staff/Interim Title IX Coordinator
McSpedon Hall, First Floor
Office of the President
(914) 633-2202
mcallaghan@iona.edu

It is College policy that all members of the Iona community are responsible for assuring that the College is free from sexual harassment. A full description of policies and procedures regarding College policy on sexual harassment may be obtained in the Office of Student Development or in the Office of Human Resources.

For information regarding the College policy and procedures for Gender and Sexual Harassment, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu

Iona College does not discriminate on the basis of handicap against otherwise qualified persons by excluding them from participating in, denying them the benefits of, or otherwise subjecting them to discrimination under any College program or activity. In addition, the College provides reasonable auxiliary aids and academic adjustments without charge.

For information regarding disability accommodations for students, please contact:
Marlin Thomas
Section 504 Coordinator
Academic Resource Center, Amend Hall
(914) 633-2226
mthomas@iona.edu

For information regarding disability accommodations for Iona employees, or for information regarding the College policy and procedures for Disability Harassment and Discrimination, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu

IMMIGRATION AND NATIONALITY ACT (RL. 87-195)
This school is authorized under federal law to enroll non-immigrant alien students.

STUDENT CONSUMER INFORMATION REQUIREMENTS
In compliance with both federal and state law, Iona College makes available to students and prospective students information about instructional programs, costs of attending the institution, financial assistance available to students, refund policy, qualifications of faculty, graduation rates, and placement of graduates. The vice provost for Student Development is available to assist students in obtaining information specified in the Regulations (Part 53) of the Commissioner of Education. This information is available to prospective students through the director of Undergraduate Admissions.

AFFIRMATIVE ACTION/EQUAL OPPORTUNITY
Iona College maintains a policy of non-discrimination on the basis of national or ethnic origin, race, creed, color, sex, marital status, veteran status, sexual orientation, affectional preference, citizenship status, or handicap in all its educational programs and employment practices, policies and procedures; there is no unlawful discrimination because of age. The College complies with all state and federal regulations pertaining to equal opportunity, non-discrimination and affirmative action.

In listing these statements, the College chooses to comply with governmental regulations in the letter and spirit of the law. Anyone who observes ways in which the College is in violation of these principles is encouraged to notify the director of Human Resources, Iona College, New Rochelle, New York 10801; (914) 633-2067.

For information regarding the College policy and procedures for Harassment and Discrimination, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu
full tuition for four years for the most elite scholars accepted into the program. Much is expected of these students in terms of standards for admission, as well as ongoing academic performance. Historically, students who successfully complete the four-year program – which includes internships at some of the country’s best-known companies – can anticipate interest from America’s largest firms and from graduate programs at institutions such as Columbia, Stony Brook, Fordham and Georgetown Universities.

To be considered for Presidential or Deans’ Scholarships, students must have a minimum high school grade point average of 3.5/95%; a minimum combined SAT1 score of 1300 (Math/CR) or ACT score of 29; a completed Iona College admissions application; a completed Free Application for Federal Student Aid (FAFSA); a personal interview; a letter or recommendation specifically for the Presidential and Deans’ Scholarships and the required essay. The deadline for application is December 1.

Any student receiving the Presidential or Deans’ Scholarships is required to fully participate in the Honor’s program each term in order to maintain his/her scholarship.

HONOR SOCIETIES

Various honor societies at Iona sponsor activities that are specifically designed for students who are striving for academic excellence and who wish to pursue their disciplines beyond the requirements and the exposure of the classroom. Requirements for membership differ according to the constitution of each society, but academic performance as measured by students’ cumulative index is always an important consideration. According to their interests and abilities, students might hold membership in one or more of the following societies:

- Alpha Kappa Delta (International Honor Society in Sociology)
- Alpha Mu Gamma (National University Foreign Language Honor Society)
- Alpha Sigma Lambda (National Honor Society for Continuing Education)
- Beta Alpha Psi, The International Accounting Honor Society
- Beta Beta Lambda (International Honor Society in Criminal Justice)
- Beta Gamma Sigma (Honors Society for AACSB accredited business programs)
- Chi Rho (Criminal Justice Honor Society)
- Financial Management Association Honor Society
- Golden Key International Honour Society
- Sigma Delta Pi (National Spanish Honor Society)
- Lambda Gamma Chapter of Alpha Phi Sigma (Criminal Justice)
- Mass Communication Honor Society
- Omicron Delta Epsilon (National Honor Society in Economics)
- Phi Alpha (National Social Work Honor Society)
- Phi Alpha Theta (History Honor Society)
- Pi Lambda Theta (Education Honor Society)
- Pi Mu Epsilon (National Mathematics Honor Society)
- Pi Sigma Alpha (Political Science Honor Society)
- Psi Chi (National Psychology Honor Society)
- Sigma Iota Rho (International Studies Honor Society)
- Sigma Pi Sigma (National Honor Society in Physics)
- Sigma Tau Delta (National Honor Society in English)
- Speech Communication Honor Society
- Theta Alpha Kappa (National Religious Studies Honor Society)
- Upsilon Pi Epsilon (National Honor Society in Computer Science)

Iona also sponsors a chapter of Delta Epsilon Sigma, the National Honor Society of Colleges with a Catholic tradition. Membership is highly selective. Qualifying seniors are inducted annually.

By inviting carefully selected students to its membership, the Cornelian Honor Society recognizes leadership in curricular and non-curricular activities, service to the community, and scholastic achievement.

ACADEMIC PRIVILEGES

Iona provides a number of academic privileges to encourage excellence not only in the acquisition of knowledge but also in using knowledge in everyday life. These privileges enable students to explore new areas, to put theory into practice, and to give expression to the ideal of service to others. Students with honors-level standing and preferred level standing, with the requisite permission and provided they meet specified criteria may avail themselves of the following privileges:

- admission to honors societies
- admission to honors courses
- credit by examination
- courses beyond degree requirements
- graduate courses
- independent study
- index-free grading

ACADEMIC RECOGNITION

DEAN’S HONOR LIST

A student who is enrolled full time in a given semester, exclusive of any credits earned with index-free grading, with a scholarship index of at least 3.5, and
**Credit for Study at Other Colleges and Universities**

Credit for courses taken at institutions other than Iona College will be recognized under the following conditions: (1) written permission to take such courses is obtained in advance from the dean of the appropriate school; (2) the grade received at the other institution is equivalent to, or higher than, the Iona College grade of “C.” Such course work will not be included in the student’s cumulative index calculations. It is the student’s responsibility to have all transcripts sent to Iona.

Students, once matriculated at Iona College, may transfer a maximum of four courses (generally 12 to 14 credits maximum) from other institutions. In the event that a compelling case can be made, an exception may be granted by the Dean.

**Credit for Graduate Courses**

Qualified seniors may take graduate courses for credit with the approval of the appropriate department chair and dean. They must have a cumulative index of at least 3.0, and an index of 3.0 or higher in their major. Such courses may be applied to waive requirements for graduate degree programs. However, these courses will not be counted to fulfill the credits required for the graduate degree.

If the graduate courses were not applied toward an undergraduate degree, a maximum of six credits may be applied toward a graduate degree with the approval of the appropriate department chair. The credits will be computed into total credits passed for the graduate degree.

The above policy does not apply to five year bachelor/master degree programs. See individual program under departmental listings.

**Transfer to Another Degree Program or School**

All students are registered in a degree program in one of the schools of the College. Students wishing to change their degree program or their school must make arrangements through their academic adviser. Students’ academic records are reviewed before they are accepted into the new degree program or school.

**WITHDRAWING FROM COLLEGE**

Students wishing to withdraw from the College should obtain a withdrawal form from the Office of Student Retention and then proceed to the Office of Student Financial Services to complete the withdrawal process.

For more detailed information on the process and implications of withdrawals, please visit the college website and navigate as follows: Quick Link to Student Financial Services, then select Student Accounts, and then Withdrawals, Drops, and Refunds.

**GRADUATION**

Degrees are awarded in February, June and August for semester students, and in January, February, April, June and August for trimester students. Six months prior to the expected date of graduation, students must file a Degree Candidate Form with the Office of Student Financial Services. Deadlines for filing are listed in the Academic Calendar. Commencement is held in May for all graduates of a given calendar year. See “Graduation Requirements” for details on graduation and ceremony.

**TRANSCRIPTS**

Iona College is partnered with the National Student Clearinghouse online transcript ordering system. Current students can request a transcript through their PeopleSoft account. Non-enrolled students requiring an official Iona transcript should visit the National Student Clearinghouse website at www.nationalstudentclearinghouse.com. Only complete transcripts will be sent out under the College seal; partial or edited transcripts will not be issued under any circumstances. Transcripts will be withheld for students whose financial accounts are in arrears.

**RETURNING TO IONA**

Procedures for returning to Iona vary, according to the conditions under which a student discontinued studies. Students who are readmitted to the College shall observe the core, degree and major requirements in effect at the time of readmission. Students who completed the core requirements in effect during their prior registration may have current core requirements waived. Degree and major requirements, however, shall not be waived. In exceptional cases, the appropriate academic dean shall be the final arbiter.
Faculty

BA IN ENGLISH

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Major Requirements
Students who major in English must complete the following:

A. Major Courses

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<tr>
<th>ENG</th>
<th>301</th>
<th>Shakespeare: Comedy and History (3 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG</td>
<td>302</td>
<td>Shakespeare: Tragedy and Romance (3 credits)</td>
</tr>
<tr>
<td>ENG</td>
<td>314</td>
<td>Introduction to Literary Studies (3 credits)</td>
</tr>
<tr>
<td>ENG</td>
<td>401</td>
<td>Chaucer: The Canterbury Tales (3 credits)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG</td>
<td>407</td>
<td>Chaucer: Troilus and Criseyde and the Minor Poems (3 credits)</td>
</tr>
<tr>
<td>ENG</td>
<td>499</td>
<td>Senior Capstone: Literature and Criticism (3 credits)</td>
</tr>
<tr>
<td>ENG</td>
<td></td>
<td>American Literature Course</td>
</tr>
</tbody>
</table>

And five courses chosen from 300 and 400 level courses. Of these five courses, only one may be in creative writing, and one MUST be in American Literature.

B. Comprehensive Requirement
The comprehensive requirement will be met when students successfully complete ENG 499, the Senior Capstone seminar.

Other Options
Teacher Certification - Grades 7-12
Students wishing to concentrate in English and receive teacher certification for grades 7-12 must complete all the requirements of the English major including specific areas of study required for adolescent education, as well as the 33 credits in Education as outlined in this catalog. NCATE requirements for students who began the teacher certification program (7-12) after September 2003 are available from the English Department.

Internships
Students in their senior year may complement their major course of study with an internship course (ENG 480) with the approval of the Instructor and the Department Chair. Appropriate internships are arranged with a select group of corporations, publishers and governmental organizations.

Minor Concentration
Students wishing to minor in English complete 12 credits (four courses) of 300 and 400 level courses including at least six credits in British Literature, but excluding ENG 480. Of the four courses in the minor, only one may be in creative writing.

Writing Minor
A list of courses required for the Writing Minor is available on page 111 of this catalog.

MINOR IN THOMAS PAINE STUDIES
The Department of English, History, Philosophy, and Political Science offer a 15-credit, interdisciplinary minor in Thomas Paine Studies. Information about the minor and requirements for completing the minor are located on page 108 of this bulletin.

BA/MA IN ENGLISH
A student enrolled in the five-year combined BA/MA program in English will undertake 15 graduate credits while pursuing the regular undergraduate English major (30 credits). The 15 graduate credits (which commence in the spring semester of the junior year) will count toward the 120 credits required for the BA degree and toward the 33-36 credits required for the MA in English. In the fifth year, the student will complete 18 or 21 graduate credits in fulfillment of the requirements for the MA in English. To enter the program (normally in the junior year), students must have attained a 3.3 undergraduate overall index and a 3.5 index in their undergraduate English courses. To continue in the program, students must maintain a 3.0 index in their graduate courses and a 3.5 index in their undergraduate major courses.

<table>
<thead>
<tr>
<th>College Core</th>
<th>57 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Requirements</td>
<td>30 credits</td>
</tr>
<tr>
<td>Graduate Credits (Selected according to the distribution requirements of the MA degree)</td>
<td>15 credits</td>
</tr>
<tr>
<td>Open Electives</td>
<td>18 credits</td>
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<tr>
<td>TOTAL FOR BA DEGREE</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

FIFTH YEAR

| Graduate Credits ( selected according to the distribution requirements of the MA degree) | 15-18 credits with MA thesis, 18 with a Culminating Project |
Note:
Many of the required core courses (and courses in related disciplines) function as prerequisites for courses in the major. Students should meet with a member of the department as soon as they have decided to consider majoring in social work in order to insure that prerequisites are completed in a timely fashion.

DIVERSITY AND SOCIAL WELFARE
The Social Work Department offers a minor in Diversity and Social Welfare to undergraduates throughout the college who are interested in understanding or possibly working in the field of social welfare. Students will be exposed to a wide variety of policies, programs, and services designed to improve quality of life for the underserved, people in need of health and human services, and/or communities at large. The minor will provide in-depth understanding of diversity factors such as age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation. Emphasis will be placed on the unique contribution of the social work profession as one among many professions working in a variety of ways and capacities to alleviate complex social problems.

Required Courses
(Courses are 3 credits, unless otherwise marked)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW</td>
<td>Introduction to Social Work (4 credits)</td>
</tr>
<tr>
<td>SOW</td>
<td>Human Behavior in the Social Environment: Diversity (4 Credits)</td>
</tr>
</tbody>
</table>

Electives (Choose three courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW</td>
<td>Camp Viva Service Experience</td>
</tr>
<tr>
<td>SOW</td>
<td>Social Welfare &amp; Society (4 credits)</td>
</tr>
<tr>
<td>SOW</td>
<td>Human Behavior &amp; the Social Environment: Life Course (4 credits)</td>
</tr>
<tr>
<td>SOW</td>
<td>Social Welfare Policy (4 credits)</td>
</tr>
<tr>
<td>SOW</td>
<td>Violence, Trauma &amp; Resilience (4 credits)</td>
</tr>
<tr>
<td>SOW</td>
<td>Special Topics, as offered and advised (4 credits)</td>
</tr>
<tr>
<td>POL</td>
<td>Human Rights</td>
</tr>
<tr>
<td>RST</td>
<td>Catholicism in the Contemporary World: Peace and Social Justice</td>
</tr>
<tr>
<td>RST</td>
<td>Theology of Christian Service</td>
</tr>
<tr>
<td>SCS</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>SOC</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>SOC</td>
<td>Race and Ethnic Relations</td>
</tr>
</tbody>
</table>

SOCIOMETRY
The Department of Sociology offers a major program in sociology (HEGIS 2208) leading to a BA degree. In addition, it offers basic core courses and advanced electives in sociology. The department also offers a minor in sociology.

Faculty
Chair: S. Toliver; Professors: W. Egelman, S. Toliver; Professor Emeritus: F. Salamone; Assistant Professor: M. Aldredge.

Objectives
The study of sociology enables one to understand human behavior better in that most human interaction is determined by culture and the social groups to which one belongs. The study of sociology gives students a rich perspective on American culture in general, which can be invaluable in a time of rapid social and technological change. The aim of the major in sociology is to provide students with a broad foundation for a variety of career options, including marketing research, sales, advertising, public relations, civil and government service, labor and industrial relations, criminal justice, and social service.

BA IN SOCIOLOGY
Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Core</td>
<td>57 credits</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 credits</td>
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<td>Liberal Arts Electives</td>
<td>9 credits</td>
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<tr>
<td>Open Electives</td>
<td>30 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td>120 credits</td>
</tr>
</tbody>
</table>
Jerry W. Martin, EdD  
Coordinator of ESL

College Assistance Program  
TBA  
Director

Science and Technology Entry Program (S.T.E.P)  
Leonie Gordon, BA  
Director

C-STEP  
Melissa Solis, MSEd  
Director

Honors Degree Program  
Kim Paffenroth, PhD  
Interim Director of Honors

Study Abroad  
George Mangero, PhD  
Director of Study Abroad

Christina Carlson, PhD and  
Thomas Van Cleave, PhD  
Interim Directors of Study Abroad (Spring 2015)

ENROLLMENT MANAGEMENT  
Mary Beth Carey, BA  
Vice President for Enrollment Management

TBA  
Assistant Vice President for Enrollment Management

Krista Gotlieb  
Assistant Director of Graduate Admissions

*Teresa Lucas, MS  
Director of Operations

Roseanne Cerniglia, MBA  
Associate Director of Operations

Regina Reilly, BA  
Director of Enrollment Management  
Communications and Event Planning  
Admissions

Cameron Hudson, BA  
Assistant Director of MBA/MS Admissions

Grace Pfisterer, BS  
Graduate Admissions Counselor

Br. Jason Ford, CFC  
Assistant Director of Admissions/  
Transfer Recruitment

Claire Morrissey, MS  
Coordinator of Rockland Campus

Alana Matuszewski, MBA  
Assistant Director of MBA Admissions/  
Rockland Campus

Patrick St. Cin, BA  
Sr. Admissions Counselor

Jillian Fowler  
Admissions Counselor

STUDENT FINANCIAL SERVICES  
Eileen F. Doyle, MPA  
Associate Vice President for  
Student Financial Services

* Mary A. Grant, AAS  
Director of Financial Aid

Dorothy Fernandez, AAS  
Assistant Director of Financial Aid

Kathleen O'Connor, MBA  
Assistant Director of Student Accounts

Victoria Woisin, BA  
Associate Director of Student Financial Services

TBA  
Registrar

Alexis Yusov, MS  
Assistant Registrar; Technical Analyst

STUDENT LIFE  
Charles J. Carlson, MS  
Vice Provost for Student Life

Elizabeth Oliveri-Lenahan, MS  
Assistant Vice Provost for Student Development

Campus Safety and Security  
Dominic Locatelli, BA  
Director of Campus Safety and Security

Douglas McLeer  
Associate Director of Campus Safety and Security
Career Development
Phyllis Blake, BBA
Director, Gerri Ripp Center for Career Development

Counseling
Ingrid Grieger, EdD
Director of Counseling

Ismini Georgiades, PhD
Associate Director/Coordinator of Training

Daniel Ruckdeschel, PhD
Counselor/Coordinator of Outreach Services

Robert Henderson, PsyD
Counselor/Coordinator of Wellness Services

Health Services
Jacqueline Agnello-Vazquez, FNP
Director

John Giampietro, MD
College Physician

Office of Mission and Ministry
* Carl Procario-Foley, PhD
Director of Mission and Ministry

Ashley Napoli
Coordinator of Success Center

Residential Life
Michael Labella, MA
Director for Residential Life

TBA
Assistant Director

Gail Dray, MA
Administrative Assistant

Peter Watson, MBA
Residence Hall Director, Loftus Hall

ATHLETICS
Rick Cole, Jr. MSeD
Director of Athletics

Jamie Fogarty, MS
Senior Associate Director of Athletics/Student Athlete Services/Compliance/SWA

Matt Glovaski, MA
Senior Associate Director of Athletics/Advancement and External Affairs

Brian Beyrer, BS
Associate Director of Athletics/Communications/Webmaster

ADVANCEMENT
Paul Sutera, MS, CFRE
Senior Vice President for Advancement and External Affairs

Kara Brennan, MS
Director of Development for Leadership Giving and Reunions

Caitlyn Keueger, BS
Director of Advancement and Presidential Events

Meghan Droge, MA
Assistant Director of College Marketing and Communications

Leslie Frucht, MA
Director of Research and Prospect Strategy

Dawn Insanalli, MS
Director of Public Relations

Eydie Jordan
Associate Director of Alumni Relations

Daniel V. Konopka, MBA
Director of Corporate, Foundation and Government Relations

* Rose LaBella
Associate Director for Database Management and Compliance

TBA
Vice President for Advancement and Alumni Relations

Elizabeth Faia Orgera, MBA
Director of Alumni Relations

Todd Wilson, BA
Senior Director of College Marketing and Communications

Greg Teeter, JD
Associate Vice President for Major and Planned Giving
John Kahl, MBA
Major Gifts Office

Michele Galioto, BA
Major Gifts Officer

Jill Krueger, MPA
Senior Director of Annual Giving and
Advancement Services

Dina Mangiafridda, MPA
Associate Director of Grants, Administration,
and Stewardship

INFORMATION TECHNOLOGY

* Joanne Laughlin Steele, MBA
  Vice Provost for Information Technology/
  Chief Information Officer

Dimitris Halaris, BA
Assistant Vice Provost for Information Technology

** Adrianna DiLello, MBA
  Director of Information Technology

Dona Clapsaddle, DPS
Director of Programming and Systems

Anthony Iodice, MLS, MBA
Manager of CELTIC

FINANCE

Anne Marie Schettini-Lynch, MBA, CPA, CTP
Senior Vice President for Finance
and Administration

Tracey Wilmot, BBA
Director of Human Resources

Joan Clark, MA, MBA
Director of Business Services

Nancy Morano
Director of Disbursements

* “Pro Operis” Award for 20 years of service to Iona College
** “Bene Merenti” Award for 30 years of service to Iona College
*** “Pro Multis Annis” Award for 40 years of service to Iona College
**** “Facere Et Docere” Award for 50 years of service to Iona College
* Mary B. Hagerty, Assistant Professor of Political Science 1991. BS, Cornell University; MA, PhD, State University of New York at Albany, 1992.

*** Antony S. Halaris, Professor of Computer Science 1966. BA, MS, New York University, 1968.

* David Halpern, Associate Professor of Management, 1985. BA, Wagner College; MPA, PhD, New York University, 1979.

Patrick Hardiman, Lecturer, Department of Accounting, 2014. BBA, MBA, Iona College, 1976.

Ilene Haspel, Clinical Instructor of Social Work, 2011. BA, Stony Brook University; MSW, Rutgers University, 1980.

Michael J. Hughes, Associate Professor of History 2005. BA, Trenton State College; MA, Temple University; PhD, University of Illinois at Urbana-Champaign, 2005.

Nicoleta Iliescu, Visiting Assistant Professor of Economics, 2011. BA, MA, Cuza University; PhD, University of Connecticut, 2011.

Lubomir Ivanov, Associate Professor of Computer Science, Graduate Coordinator 1999. BS, MS, PhD, Stevens Institute, 1999.

Colleen Jacobson, Assistant Professor of Psychology, 2009. BA, Rutgers, the State University of New Jersey; MA, PhD Fordham University, 2005.

** Robert H. Jantzen, Professor of Economics, Chair of the Department, 1982. MA, BS, PhD, Northeastern University, 1982.

Nancy-Jo Johnson, Associate Professor of Mass Communication 2000. BA, Case Western Reserve University; MFA, City University of New York; DA, State University of New York at Albany, 1995.

** Michael Jordan, Associate Professor of Philosophy, Chair of the Department, 1980. BA, St. Peter's College; MA, PhD, Rutgers University, 1984.

Jaeyoung Kang, Assistant Professor of Management 2009. BBA, MBA, Seoul National University; MA, University of Michigan; PhD, SUNY Albany, 2010.

Moonsoo Kang, Assistant Professor of Finance 2008. BA, MBA, Seoul National University; MS, University of Texas; PhD, University of Colorado at Boulder, 2007.

Yourha Kang, Associate Professor of Biology, 2002. AB, Smith College; PhD, Cornell University, 2000.

Anthony Kelso, Associate Professor of Mass Communication 2002. BA, MA, University of Michigan; PhD, New York University, 2002.

Victoria L. Ketz, Associate Professor of Foreign Languages, Chair of the Department, 1997. BS, MA, Ohio State University; MPhil., PhD, Columbia University, 1999.

Kisok Kim, Associate Professor of Psychology 1998. BA, Yonsei University, Seoul, Korea; MA, PhD, New York University, 1991.

Min Jung Kim, Assistant Professor of Speech Communications Studies, 2014. B.A., Kyungpook National University (South Korea); M.A., University of Tennessee; Ph.D., Florida State University – 2011

Katherine Kinkela, Assistant Professor of Accounting, 2011. BS, JD, LLM, Fordham University School of Law, 1998.

Mark Kiselica, Provost and Senior Vice President for Academic Affairs, Professor of Psychology, 2014. BA, St. Vincent College; MA, Bucknell University; PhD, The Pennsylvania State University, 1988.

Josh Klein, Assistant Professor of Criminal Justice, 2010. BA, Hampshire College; MS, PhD, City University of New York, 1989.

Srilal Krishnan, Chair of the Department, Associate Professor of Mathematics 2003. BSc, BEd, MSc, University of Bombay; MA, PhD, University of Alabama, 2001.

Kathleen Kristian, Assistant Professor of Chemistry, 2011. BA, Swarthmore College; M.Phil, PhD, Columbia University, 2009.

** Steven Kroleski, Assistant Professor of Finance, Business Economics, and Legal Studies 1982. BA, Dowling College; JD, St. John's University School of Law, 1975.

Nyo Nyo Kyaw, Associate Professor of Finance 2004. BBS, Assumption University, Bangkok, Thailand; MBA, Asian Institute of Technology, Bangkok, Thailand; MA, PhD, Kent State University, 2004.

Robert James Lacey, Associate Professor of Political Science 2006. BA, University of Vermont; MA, Georgetown University; PhD, University of Massachusetts (Amherst), 2006.

*** Stanley J. Lapa, Associate Professor of Fine and Performing Arts 1976. BA, Iona College; MA, Montclair State College; MFA, Brooklyn College, 1982.

** Robert Lavelle, Assistant Professor of Mathematics 1969. BS, Iona College; MS, University of Illinois, 1968.

Cathryn Lavery, Associate Professor of Criminal Justice, Chair & Graduate Coordinator, 2005. BA, Clark University; MS, Iona College; MPhil, PhD, City University of New York Graduate Center, 2006.

Sunghee Lee, Board Designated Endowed Professor of Science, Professor of Chemistry, Chair of the Department, 2004. BS, Sung Kyun Kwan University; MS, Pohang University of Science and Technology; PhD, Brown University, 1997.
Barbara Nachman, Adjunct Professor of Mass Communication 2007. BA, New York University; MA, Columbia University, 1967.

Kenneth Nanus, Adjunct Professor of Mass Communication 2001. BA, MA, Boston University; MBA, Long Island University, 1988.


John J. O’Connor, Adjunct Professor of Finance, Business Economics and Legal Studies 2004. BS, JD, Fordham University; LLM, New York University, 1976.

Ji-Young Oh, Adjunct Assistant Professor of Psychology 2004. BA, Ewha Women’s University; MA, PhD, New York University, 1993.

Deb Volberg Pagnotta, Adjunct Professor of Speech Communication Studies, 2010. AB, Brandeis University; JD, University of California, Hastings College of Law, 1981.


Fr. John Perricone, Adjunct Professor of Philosophy, 2008. AB, Seton Hall University; MA, Immaculate Conception Seminary; MA, St. John’s University, 1981.

Joseph Petrella, Adjunct Instructor of Education. BA, MS, City College of New York; ME, Yeshiva University, 1963.

John Politi, Adjunct Professor of Management 2013. BS, Iona College; MBA, Iona College 2011.

Carl Procario-Foley, Adjunct Associate Professor of Religious Studies, Director of Campus Ministries, 1991. BA, St. John’s University; MTS, Catholic Theological Union, 1987.


Judith Rosenthal, Adjunct Assistant Professor of Psychology 2004. BA, Union College; MA, MEd, Columbia University, 1987.

Martin Roth, Associate Adjunct Professor of Psychology, 2013. BA, Yeshiva University; MS, Brooklyn College; PhD, Fordham University (1982).

Jennifer Rubinstein, Adjunct Instructor, 2013. BA, Lafayette College; MA, State University of Albany; MA, Teachers College Columbia University; MS, Yeshiva University, 2011.

Joseph Ryan, Adjunct Professor of Chemistry. BS, Fordham University; MA, University of Scranton; PhD, North Carolina State University, 2009.


Anthony Sallustio, SUNY Empire State College; MSW, Fordham University, 2005.

Matthew Sampson, Adjunct Professor of Mass Communication 2004. BS, Cornell University, 1972.


Barbara Scher, Adjunct Professor of Education 2004. BA, Brooklyn College; MS, City College, 1992.


Michelle Serpurh, Adjunct Professor of Education 2003. BS, St. John’s University; MS, College of New Rochelle, 1998.

Ryan Seslow, Adjunct Professor of Fine and Performing Arts 2005. BFA, University of Hartford; MFA, Long Island University, 2004.

Alan Sheptin, Adjunct Instructor of Mathematics, 2011. BA, University of Pennsylvania; MBA, Fordham University, 1996.

Kenneth Shouler, Adjunct Instructor of Philosophy, 2005. BA, St. Bonaventure University; PhD, City University of New York, 2007.

John Small, Adjunct Instructor of English 2003. BA, MA, St. John’s University, 1989.

Rosa Solano, Adjunct Instructor of Foreign Languages 2005. BA, Mercy College; MA, Long Island University; MST, Iona College, 2004.

Joseph Sorousi, Adjunct Instructor of Education 2001. BA, MS, City College of New York; EdD, New York University, 1968.


For additional information about Title IX, please contact:
Tracey Wilmot
Director of Human Resources/Title IX Coordinator
McSpedon Hall, Second Floor
Office of Human Resources
(914) 633-2067
twilmot@iona.edu

It is College policy that all members of the Iona community are responsible for assuring that the College is free from sexual harassment. A full description of policies and procedures regarding College policy on sexual harassment may be obtained in the Office of Student Development or in the Office of Human Resources.

For information regarding the College policy and procedures for Gender and Sexual Harassment, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu

Iona College does not discriminate on the basis of handicap against otherwise qualified persons by excluding them from participating in, denying them the benefits of, or otherwise subjecting them to discrimination under any College program or activity. In addition, the College provides reasonable auxiliary aids and academic adjustments without charge.

For information regarding disability accommodations for students, please contact:
Marlin Thomas
Section 504 Coordinator
Academic Resource Center, Amend Hall
(914) 633-2226
mthomas@iona.edu

For information regarding disability accommodations for Iona employees, or for information regarding the College policy and procedures for Disability Harassment and Discrimination, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu

IMMIGRATION AND NATIONALITY ACT (RL. 87-1 95)
This school is authorized under federal law to enroll non-immigrant alien students.

STUDENT CONSUMER INFORMATION REQUIREMENTS
In compliance with both federal and state law, Iona College makes available to students and prospective students information about instructional programs, costs of attending the institution, financial assistance available to students, refund policy, qualifications of faculty, graduation rates, and placement of graduates. The vice provost for Student Development is available to assist students in obtaining information specified in the Regulations (Part 53) of the Commissioner of Education. This information is available to prospective students through the director of Undergraduate Admissions.

AFFIRMATIVE ACTION/EQUAL OPPORTUNITY
Iona College maintains a policy of non-discrimination on the basis of national or ethnic origin, race, creed, color, sex, marital status, veteran status, sexual orientation, affectional preference, citizenship status, or handicap in all its educational programs and employment practices, policies and procedures; there is no unlawful discrimination because of age. The College complies with all state and federal regulations pertaining to equal opportunity, non-discrimination and affirmative action.

In listing these statements, the College chooses to comply with governmental regulations in the letter and spirit of the law. Anyone who observes ways in which the College is in violation of these principles is encouraged to notify the director of Human Resources, Iona College, New Rochelle, New York 10801; (914) 633-2067.

For information regarding the College policy and procedures for Harassment and Discrimination, please contact:
Dr. Tresmaine R. Grimes
Ombudsperson for Harassment and Discrimination
McSpedon Hall, First Floor
Office of the Provost
(914) 633-2206
tgrimes@iona.edu
New and Updated Course Descriptions

The following are new and updated courses that have been added to the 2014-2015 Undergraduate catalog.

**MCO 225 Broadcast Media**
This course is designed to survey the technology and regulation of broadcasting in the United States, as well as provide an in-depth examination, through discussion and practical application, of the structural and operational models within the broadcasting, cable and new media industries, as well as survey the various career opportunities therein.
Credits: 3.00
Prerequisite: MCO 200
Offered in Fall & Spring

**MCO 327 Digital Production: Studio & Field**
Techniques of television studio and field production from scripting to directing; topics of study include elements of various forms of writing for television; studio and field production; design; lighting; graphics; program planning in a workshop setting.
Credits: 3.00
Prerequisite: MCO 225
Equivalency: MCO 327
Offered in Fall & Spring Not Liberal Arts Lab Hours Required

**MCO 329 Radio Production**
This course will offer an intensive study opportunity in all facets of radio production. Topics covered will include writing for broadcast radio, on-air speech methodology and technical radio production. Students will be required to exhibit their radio production skills by broadcasting live on the campus radio station.
Credits: 3.00
Prerequisite: MCO 225
Equivalency: CMA329/429
Offered in the Fall Semester Not Liberal Arts

**MCO 337 On-Camera Presence, Voice and Diction**
An intensive study in on-camera demeanor, voice control and speaking styles. Students will master the craft of proper on-camera appearance and presentation, proper voice techniques and interview styles.
Credits: 3.00
Prerequisite: MCO 225
Offered in Fall & Spring Not Liberal Arts

**MCO 350 Writing for the Screen**
This course is designed to give the beginning student an overview of screenwriting specifically for the television and video industries. Concepts to be introduced include: familiarity with various media formats, concept development, plot developments, writing treatments, scene construction, character development, idea generation, brainstorming and marketing. Students will study and apply the techniques, style and formats of treatment preparation and scriptwriting for various visual media formats including television, new media/internet and short films.
Credits: 3.00
Prerequisite: MCO 225

**MCO 428 Digital Production Workshop**
In a workshop environment, students will refine and expand their creative producing skill, technical production ability, and performing/hosting style. Students will explore various production formats including news, dramatic scenes, and music performance. Projects will culminate into a final comprehensive, multi-platform production package.
Credits: 3.00
Prerequisite: MCO 327
Offered in Fall & Spring Not Liberal Arts Lab Hours Required

**MCO 430 The Producer’s Craft**
This course will focus on the role of the producer for screen-based media. Areas of study include concept research and development; project budgeting and finance; writing and pitching proposals; planning pre-production, production, post-production, and distribution. Emphasis is on the Producer’s ability to guide the concept and story development of television and film genres through leadership, vision and creative originality.
Credits: 3.00
Prerequisite: MCO 225
Offered in Fall & Spring
MCO 431 Television Aesthetics & Criticism
This course will provide an introduction to the analysis of television modes, content and story design. Through lectures, readings and screenings, students will learn to examine and engage in television with a critical eye, and to deconstruct classic and contemporary television shows in order to recognize underlying paradigms, as well as the need for and impact of audience and advertiser appeal.
Credits: 3.00
Prerequisite: MCO 225
Offered in Fall & Spring

MCO 432 Broadcast Newsroom
Broadcast Newsroom is an advanced course for the students that have achieved a mid-level success in editing (audio/video), writing and reporting. Assignments will include campus coverage of news and events, turning that footage into a reporter’s package for multi-media news platforms.
Credits: 3.00
Prerequisite: MCO 225
Offered in the Fall Semester Not Liberal Arts

MCO 435 Sports Broadcasting and Production
This course will involve the practical application of broadcast methodologies, specifically related to the coverage of live sporting events. Topics covered will include the sports interview, preparing a “stand-up” during/after a sporting event, writing and delivering sports recaps and more. Students will be required to provide live sports coverage during on-campus events. Some time outside of class will be required.
Credits: 3.00
Prerequisite: MCO 225
Offered in the Spring Semester Not Liberal Arts