

Table of Contents

President's Message.....	inside front cover
Academic Calendar	2
The University and its Mission	3
Facilities and Environment	5
Student Life	8
Admissions	19
Major Academic Programs	23
Tuition and Fees	24
Financing an Education	28
General Academic Information	43
Curriculum	51
Majors	53
Minors	54
Academic Exploration Program	56
College of Arts and Sciences	57
Africana Studies Minor	59
Art History	59
Biology	60
Black Families Minor	65
Biochemistry, Chemistry and Physics	65
Communication Studies	71
Computer and Information Sciences	74
Computer Crime Minor	77
Criminology and Criminal Justice	77
English	80
Environmental Studies	85
General Studies	86
Gerontology	87
Gerontology Minor	88
History	88
International Studies	94
Italian Studies Minor	95
Justice and Peace Studies Minor.....	96
Latin American Studies Minor.....	97
Law and Jurisprudence Minor	98
Liberal Arts	98
Mathematics	100
Military Science (ROTC)	104
Modern and Classical Languages	105
Natural Science Minor.....	112
Nursing.....	112
Philosophy	114
Political Science	116
Pre-Engineering	120
Psychology	121
Religious Studies	124
Social Sciences	127
Sociology	128
Social Work	131
Theater Studies and Fine Arts	135
Women's Studies Minor	143
Writing Studies	144
Writing Studies Minor	145
College of Business Administration	146
Accounting	148
Associate Degree in Business	152
Business Education	152
Commerce	153
Technical (B2B) Marketing Minor	159
Leadership Minor	160
College of Education	161
Education	165
College of Hospitality and Tourism Management	171
University and Departmental Honors Program	181
Learn and Serve Niagara	182
Learning Center	182
Niagara University Opportunity Program	183
Preprofessional Tracks	184
Continuing and Community Education	186
Study Abroad	187
Directory	190
Trustees and Officers	190
Board of Advisers	190
University Sectors	191
University Committees	192
External Advisory Committees	193
Full-Time Faculty	194
Adjunct Faculty	199
Index	201-202
Campus Map	inside back cover



Seal

The official seal of the university presents in symbol its history and purpose. The first title of Niagara University, Our Lady of Angels, is signified in the lower half of the coat of arms by the

crown, the wings and the crescent moon inscribed in a diamond. The upper half of the coat of arms depicts wavy vertical lines symbolizing the grandeur and power of Niagara Falls. At the top of the shield, on a wreath in purple and white (the university colors), is a golden eagle, indicating the location of the university atop Monteaegle Ridge, overlooking the Niagara gorge. The eagle bears a purple diamond displaying a silver heart, symbol of Vincent de Paul. The motto at the base of the shield, "Ut Omnes Te Cognoscant" (Jn 17, 3) expresses the purpose of a NU education: "That All May Know You."

The board of trustees and administration reserve the right to change the programs, schedules, or other provisions described herein as they deem necessary.

Academic Calendar

Fall 2007

August 24	Friday	Advisement and late registration for new students from 1:00 pm to 4:00 pm
August 27	Monday	Classes begin
September 3	Monday	Labor Day - Holiday
October 8	Monday	Columbus Day - Holiday
October 9	Tuesday	Holiday
October 19	Friday	Mid-Term ends
November 2	Friday	Last day for course withdrawal without permission
November 20	Tuesday	Thanksgiving recess begins after the last class
November 26	Monday	Classes resume
December 10	Monday	Examination Week begins
December 14	Friday	Fall Semester ends

Spring 2008

January 15	Tuesday	Advisement and late registration for new students from 1:00 pm to 4:00 pm
January 16	Wednesday	Classes begin
January 21	Monday	Martin Luther King - Holiday
February 13	Wednesday	Winter recess begins after the last class
February 18	Monday	Classes resume
March 7	Friday	Mid-Term ends
March 15	Saturday	Easter recess begins after the last class
March 25	Tuesday	Classes resume
March 28	Friday	Last day for course withdrawal without permission
May 6	Tuesday	Examination Week begins
May 10	Saturday	Spring Semester ends
May 17	Saturday	Graduate Graduation (tentative)
May 18	Sunday	Undergraduate Graduation(tentative)

2008 Summer Sessions

Holidays: May 26, 2008 and July 4, 2008

Undergraduate	Start Date	End Date
Session I	May 20 Tuesday	June 13 Friday
Session II	June 16 Monday	July 10 Thursday
Cross Session	May 20 Tuesday	July 14 Monday

Fall 2008

August 22	Friday	Advisement and late registration for new students from 1:00 pm to 3:30 pm
August 25	Monday	Classes begin
September 1	Monday	Labor Day - Holiday
October 13	Monday	Columbus Day - Holiday
October 14	Tuesday	Holiday
October 17	Friday	Mid-Term ends
October 31	Friday	Last day for course withdrawal without permission
November 25	Tuesday	Thanksgiving recess begins after the last class
December 1	Monday	Classes resume
December 8	Monday	Examination Week begins
December 12	Friday	Fall Semester ends

Spring 2009

January 13	Tuesday	Advisement and late registration for new students from 1:00 pm to 4:00 pm
January 14	Wednesday	Classes begin
January 19	Monday	Martin Luther King - Holiday
February 28	Saturday	Winter recess begins after the last class
March 9	Monday	Classes resume
March 13	Friday	Mid-Term Ends
March 27	Friday	Last day for course withdrawal without permission
April 8	Wednesday	Easter recess begins after the last class
April 14	Tuesday	Classes resume
May 5	Tuesday	Examination Week begins
May 9	Saturday	Spring Semester ends
May 16	Saturday	Graduate Graduation (tentative)
May 17	Sunday	Undergraduate Graduation(tentative)

2009 Summer Sessions

Holidays: May 25, 2009 and July 3, 2009

Undergraduate	Start Date	End Date
Session I	May 19 Tuesday	June 12 Friday
Session II	June 15 Monday	July 9 Thursday
Cross Session	May 19 Tuesday	July 13 Monday

The board of trustees and administration reserve the right to change this calendar as may be deemed necessary.

Students whose religious affiliation demands that they recognize certain days of religious observance may be absent from class, reschedule an exam or register without penalty. These days are not university holidays. Students who expect to be absent from class on these days should inform their professors in advance.

The University and its Mission



Niagara University educates its students and enriches their lives through programs in the liberal arts and through career preparation, informed by the Catholic and Vincentian traditions.

Enabling goals:

As a university, Niagara prepares its students for positions of responsibility in the professions and in the broader society. Through teaching, research and service in programs of study at the baccalaureate and graduate levels, Niagara seeks to develop within its students a passion for learning.

The university's commitment to the Catholic faith provides perspective in the search for truth and meaning. Catholic doctrine and its moral code inspire respect for the God-given dignity of every person and all faith traditions. Students experience the vision and reality of a gospel-based, value-centered education.

As a Vincentian university, Niagara draws inspiration from St. Vincent de Paul, who organized his contemporaries to respond compassionately to people's basic needs. Continuing this tradition, Niagara seeks to inspire its students to serve all members of society, especially the poor and oppressed, in local communities and in the larger world.

Overall, through its curricular and extracurricular programs, Niagara University seeks to develop the whole person, mind, body, heart and soul, for the benefit of one's personal and professional life.

Accreditation and Memberships

Niagara University is accredited by the Middle States Association of Colleges and Schools. Its business programs are AACSB accredited by The International Association for Management Education.

Its program in social work is accredited by the Council on Social Work Education. Its program in education is accredited by the National Council for Accreditation of Teacher Education. The department of chemistry has the approval of the American Chemical Society. The College of Hospitality and Tourism Management is accredited by the Council on Hotel, Restaurant and Institutional Education (CHRIE). The university holds membership in the American Council on Education, the Association of University Evening Colleges, the College Entrance Examination Board, the Commission on Independent Colleges and Universities, the Council of Graduate Studies in the United States, the Middle

Atlantic Association of Colleges of Business Administration, the American Library Association, and other organizations.

Affirmative Action Policy

Consistent with our Catholic mission, it is the policy of Niagara University that there shall be no discrimination against any individual in educational or employment opportunities because of sex, sexual orientation, race, color, creed, national origin, age, marital status, Vietnam Era or disabled veteran status, disability, predisposing genetic characteristic, or other categories protected by law. Also, there shall be no discrimination based on age, although the university shall abide by state and federal laws, regulations, and guidelines with regard to retirement plans and bona fide occupational qualifications. Furthermore, the university maintains an affirmative action program in order to promote equal employment opportunities and to ensure nondiscrimination in all educational programs and activities. All programs that implement this policy are reviewed on an annual basis. For purposes of this affirmative action policy, the term "employment opportunities" applies to all regular full- and part-time positions. Temporary student positions (i.e., those temporary positions awarded to students because of their status as students on a school-year basis or less) are not considered "employment opportunities" for purposes of this policy.

Niagara University accepts the important distinction between affirmative action and equal opportunity. Equal opportunity assumes that the concept of merit, which is based solely upon a person's ability to perform, will govern all personnel and education decisions.

Niagara University is committed to attain equal opportunity via affirmative action which requires specific efforts to recruit, admit, employ, and promote members of groups previously excluded such as women, African-Americans, Hispanics, Asians and Pacific Islanders, Native Americans, disabled individuals, and disabled veterans or veterans of the Vietnam era.

The responsibility of overseeing the university's compliance with affirmative action requirements has been delegated by the president of the university to the director of human resources who will act as the affirmative action officer. Every member of the university community, however, is charged with the responsibility for its realization.

Educational Vision

The Niagara University undergraduate curriculum is based on the premise that a general education is a necessary balance to career training and that both are essential to a liberal education worthy of the name. NU believes the education of the whole person is possible if we understand that "wholeness" means searching for and working from a human center rather than encompassing all knowledge. Every degree program at Niagara University combines a general education component with a distribution component and a major component. This triad, explained in detail elsewhere in this catalog, is intended to overcome the fragmentation of disciplines which professionalization generally entails and to encourage in the

student a process of integration and consolidation as well as expansion of the mind and spirit.

History

Founded in 1856 by the Congregation of the Mission (Vincentians) Niagara University was first chartered in 1861 as a seminary. In 1883, Niagara was rechartered as a university for “the instruction of youth in the learned languages and in the liberal and useful arts and sciences.” In the years since its founding, NU has retained this tradition of emphasis on both the liberal and useful arts and sciences while it has grown into a mid-sized university of approximately 2,800 undergraduates, 850 graduate students, and continuing and community education.

Geography

Niagara University is located on Route 104 on the northern limits of the city of Niagara Falls. The 160-acre campus runs along the top of picturesque Monteaugle Ridge overlooking the Niagara River gorge just four miles north of the world-famous waterfall. The location of the campus adjacent to the international border between the United States and Canada and relatively near the American and Canadian cities of Buffalo and Toronto, creates an international milieu.

Travel to Canada - *Passport Requirement

Includes U.S. and Canadian Citizens

As this catalog went to print, new federal regulations were pending to require citizens of the U.S., Canada, Mexico and Bermuda, as early as January 2008, to have a valid passport* to enter the United States by land and sea. Already in effect, as of Jan. 23, 2007, are federal regulations requiring these same citizens to have a valid passport to enter the U.S. by air.

Due to Niagara University’s proximity to Canada, students should be aware of existing and proposed federal regulations prior to travel to Canada. Students who wish to participate in events that are sometimes held in Canada should be sure to have the appropriate documentation to re-enter the U.S. Niagara University students are NOT required to have a passport to attend Niagara University unless they are international students. For all others, the decision whether to obtain a passport is up to the individual student.

For more information on the regulations, known as the Western Hemisphere Travel Initiative, refer to the U.S. Department of State Web site at www.state.gov/travelandbusiness.

*An alternate form of identification has been discussed for land crossings. However, no decision had been made at the time of this catalog’s printing.

Organization

The university is governed by a 30-member board of trustees, of whom not more than one-third may be Vincentian priests.

The president is the chief executive officer of the university. He is aided in administering the various colleges and schools within the university by the executive vice president, the vice president for academic affairs, the vice president for student life, the vice president for administration and the vice president for

institutional advancement. The deans and directors of each college and school coordinate the educational affairs of the various undergraduate and graduate programs. The goals of each college and school are in harmony with those of the university.

Students

The undergraduate enrollment is approximately 3,000. An additional 915 students are enrolled in the graduate division.

The most recent Cohort Survival Study shows that 79 percent of the new freshmen entering in the fall of 2005 returned in the fall of 2006. The graduation rate of students who began in 2000 is 62 percent.

Alumni

Niagara University’s approximately 33,000 alumni have assumed positions in virtually every career area. The many and varied accomplishments of our alumni are a measure of the university’s success in achieving its goal of career preparation.

Significant numbers of graduates are employed in the field of education as teachers, administrators and counselors. Large concentrations of graduates pursue business careers in accounting, sales, finance, logistics, management, marketing, and information technology. Many alums find success in the hospitality and tourism industries, criminal justice, human resources, communications, social work, and the performing arts. Alumni are employed in the health care field in the practice of medicine and nursing, as well as in research. Alumni also establish careers in law, government and military service, religious life or are self-employed.

A system of regional alumni chapters exists throughout the United States and Canada to foster camaraderie among alumni, as well as to encourage university support. Various social, athletic, and cultural events are held throughout the year by the local chapters. These events include golf tournaments, cocktail parties, dinners, theater events and networking evenings. For information on chapter activities in your area, call the alumni relations office at 716-286-8787 or e-mail the office at alumni@niagara.edu.

Another easy way to find out the latest alumni events and news is the Eagle’s Nest, Niagara alumni’s newest way to stay connected. Located on the web at www.niagaraalumni.com, the Eagle’s Nest allows alums to connect, network, and update contact information online. The latest alumni events are always on the Eagle’s Nest and alums can go there to check out who’s attending or register themselves!

The Eagle magazine, published four times a year, is another way that graduates stay informed about university activities. The magazine features news and stories, as well as a personal message from the university president. In addition, alumni are updated on the activities of their classmates through the “Alumni Notes” feature.

It’s easy for alumni to stay in touch with Niagara University. Whether it’s on the web at the Eagle’s Nest, in person at a chapter event, or via mail with an address change or wedding announcement, Niagara alumni are connected!

Faculty

Niagara University's faculty are characterized by a dedication to excellence in research and service. They are widely published in first tier journals and have presented their research nationally and internationally. Over 100 universities, including non-American universities, are represented among Niagara's faculty.

All classes are taught by Ph.D.s or professionally qualified faculty, which include Fulbright Scholars, a Carnegie Teaching Fellow and John Templeton Foundation Fellows, as well as several who earned the highly coveted award of Excellence in Teaching. Faculty are committed to experiential learning and many involve students in their research. As a result, students are made aware of current practices and global issues. A strong relationship between students and faculty is also encouraged through advisement which is done by faculty members teaching in a student's concentration or major.

Faculty and staff are dedicated to building a better world community. They serve on national and regional boards of many organizations including Habitat for Humanity. They also meet the rigorous standards for the accreditation in their college. Faculty members draw on their real-world experiences in their lectures and in designing community service projects for students in the Vincentian tradition.



Facilities and Environment



The 36 buildings on the 160-acre campus provide a pleasant contrast between the stately ivy-covered structures and those of more contemporary design.

There are five residence halls, a group of six two-story houses, and an apartment complex for men and women.

These facilities can accommodate over 1,500 students in single, double and triple rooms.

Classrooms are located in St. Vincent's, DePaul, Bisgrove, and Dunleavy halls, and the Academic Complex. NU's laboratories for the behavioral sciences, natural sciences, nursing, communication studies, fine arts, and language are located in the Castellani Art Museum, DePaul, Dunleavy, and St. Vincent's halls. The laboratories provide a resource for students to engage in experimentation, practice and research based on the practical application of theoretical concepts learned in the classroom.

The university also maintains a variety of outdoor recreational facilities, including tennis and basketball courts and fields for baseball, soccer, rugby, lacrosse, football, and softball.

Library

The Library offers an array of services and collections that will make your research easier.

Research Assistance

Reference librarians are on duty all hours the Library is open. You can even reach us via email or phone. Subject specialists are available to help you with research in your major.

Do Research 24/7 From Your Campus Residence, Home or Office

The Library provides remote access through the World Wide Web to most of its databases, which means you can access millions of magazine, journal and newspaper articles and more than 30,000 scholarly books.

Borrowing Materials

The Library's collection consists of 200,000 books and 15,000 periodical titles in print and electronic formats that support your research needs. We also offer a recreational collection with entertaining novels and DVDs. Your University ID card is your library card, and you may borrow and keep out 25 books at a time.

Interlibrary Loan and Document Delivery

If the Library does not own an item you need, we can almost always obtain it for you from another library. We'll even deliver copies of articles to your desktop. Or, you can get a special card from us that will allow you to check out

books from other college libraries in Western New York.

Study Rooms

There are three group study rooms in the Library. Two of the rooms have a television you can use to watch entertainment and foreign language channels, DVDs and videos.

Food and Drink

You can eat and drink in the Library. Vending machines are located on the second floor.

Fax Service

The Library can send or receive your personal faxes up to 10 pages in length.

Computers

The Library maintains a Computer Training Lab on the basement level. When it is not in use, it is available for you to work individually using library databases, the Internet or Microsoft Office. There are additional computers in the Reference Department that you can also use. Black & white and color printers are available. You can also borrow a laptop or bring your own to the Library and connect to the wireless campus network.

Library Hours

School Year

Monday-Thursday: 8 am to Midnight

Friday: 8 am to 8 pm

Saturday: 10 am to 5 pm

Sunday: Noon to Midnight

Summer

Monday-Thursday: 8 am to 9 pm

Friday: 8 am to 4 pm

Saturday: 10 am to 4 pm

Sunday: Closed

For more information, please call (716) 286-8000 or visit the Web site at www.niagara.edu/library.

Technology

A broad range of computer facilities are available for student use. The main computer labs and computer teaching labs are located on the first floor of St. Vincent's Hall. Additional computer labs are maintained on campus by various academic departments. The Windows-based computers provide students with access to word processing, spreadsheet, database, presentation and statistical software as well as the campus-wide network, e-mail and Internet browsing. The labs also provide access to specialized software, such as programming languages, to meet the needs of various academic disciplines. Laser printers are available in the lab area for student printing. During the normal school schedule the main computer labs are open seven days a week. One lab provides 24-hour accessibility. The labs are also open during break periods on a reduced schedule.

The help desk located on the first floor of St. Vincent's Hall provides computer support to students. A variety of hardware and software products are sold at academic discount prices. The University also partners with our preferred vendor to offer discounted laptops and desktops to Niagara University students.

All students are given a personal electronic mail account, an account to a Web-based personalized student portal system, and an account to a system which allows faculty to make course material available over the Internet. This is used both to support classroom courses and to provide distance-learning courses. This system also gives students access to personal productivity tools, such as calendars and to-do lists, over the Internet.

All residence halls have computer connections for each student. Using student-provided, properly equipped computers, students can access the Internet and use e-mail over a high-speed Internet connection. An on-campus document center provides for special printing needs.

Wireless internet connectivity can be found in most areas of the campus.

In the main classroom building, St. Vincent's Hall, all classrooms are provided with computer/video projectors, Internet connections, sound systems and computer-equipped teaching stations. The building also contains computer equipped student conference rooms.

Dunleavy Hall houses the video master control room. Computer-controlled delivery of video classrooms and cable entertainment to residence halls and common areas originates here. A state-of-the-art interactive videoconferencing classroom for distance-learning is available, as well as portable teleconferencing equipment useable at other locations. Students have access to a media lab that includes program retrieval and a digital media work station. Digital and analog video editing for classroom or personal presentations is also provided.

Information technology can be reached via e-mail at it@niagara.edu; via phone at (716) 286-7300; and through its Web page at www.niagara.edu/it.

Castellani Art Museum

A beautiful, gray, marble-faced building, the Castellani Art Museum is located at the center of the Niagara University campus. The museum offers an exciting collection of 19th century, modern and contemporary art accessible to the NU community, as well as to the general public, with no admission charge. Exhibitions and programming include: historic art, contemporary art with visiting artists, traditional folk arts, and exciting collaborative programs with area school districts. The museum recently opened "Freedom Crossing: The Underground Railroad in Greater Niagara," a permanent exhibition that is part of the New York State Heritage Trails initiative. The museum's permanent collection includes such well-known artists as Picasso, Miro, Dali, Calder, Nevelson, Warhol, and many others. Museum staff members teach fine

arts and art history courses in the adjoining galleries and classroom. In addition to using the museum's collection as an educational resource, Niagara students, faculty and staff are invited to take part in a variety of exhibitions, lectures and performances each year. The museum also offers a small café and a well-stocked and affordable gift shop featuring unique merchandise from around the world. The museum can be reached via e-mail at cam@niagara.edu and through its web page at www.niagara.edu/cam. The Underground Railroad center has its own website at www.freedomcrossingniagara.com.

**Castellani Art Museum at the Falls
Conference Center Niagara Falls
101 Old Falls Street, Niagara Falls, NY 14202**

The museum's satellite gallery, part of the refurbished Niagara Falls Conference Center, showcases works by regional artists as well as exhibitions with Niagara Falls themes, for the thriving downtown tourist audience.

Gallagher Center

The hub of campus activity is the Gallagher Center, where students can gather in a relaxed atmosphere. Many academic and administrative offices are found in the facility. Located in the lower level are the snack and coffee bars, game room, lounge and multi-function areas, group study rooms, computer kiosks, and student organization offices. The upper level houses the university's main gymnasium.

Kiernan Recreation Center

A 43,000 square-foot fitness and recreational facility, the Kiernan Center offers a six-lane swimming and diving pool, racquetball and basketball courts, fitness/cardiovascular areas with over 30 pieces of cardio equipment, weight room, saunas, dance/aerobic and a multipurpose area. The facilities are scheduled with priority use for NU student recreation.

Dwyer Arena

Niagara University's Dwyer Arena is home to the men's and women's varsity hockey teams, club hockey team, and intramural broomball teams. Consisting of two full-sized (National Hockey League) rinks, the complex can accommodate some 1,800 spectators in the main arena (expandable to 3,600) and 200 in the auxiliary rink. There are 10 locker rooms within the complex.

Niagara Frontier

In addition to the numerous scenic attractions associated with Niagara Falls, other important educational and cultural resources in the area include Artpark, Niagara's premier performing and visual arts center; the Niagara Arts and Cultural Center, which houses more than 75 artists and arts groups; Old Fort Niagara, a registered national historic landmark that features the oldest buildings on the Great Lakes; Niagara Aerospace Museum, which showcases a vast collection of antique aircraft and aerospace artifacts; the Albright-Knox Art Gallery, a dynamic modern and contemporary art institution; and the Buffalo Philharmonic Orchestra.

Services for Students with Disabilities

Any student with a documented disability is eligible to receive reasonable accommodations on a case-by-case/course-by-course basis as stipulated under Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and other pertinent state and federal regulations. The purpose of accommodations and modifications is to reduce or eliminate any disadvantages that may exist because of an individual's disability.

Services for students with disabilities may include, but are not limited to:

- Preadmission counseling
- Registration and scheduling assistance
- Monitoring of academic progress
- Test modifications (e.g., extended time, separate location, readers)
- Classroom accommodations
- Liaison with faculty
- Academic counseling
- Personal counseling
- Liaison with local, state and federal agencies
- Assistance in acquiring special equipment
- Advocacy
- Assistive technology, such as screen readers, voice input, word prediction, and portable word processors

Individuals with disabilities seeking accommodations, adjustments, and/or auxiliary aids and services must contact and provide documentation of disability to:

**Diane Stoelting
Coordinator, Specialized Support Services
Seton Hall
716-286-8076
FAX: 716-286-8063
E-mail: ds@niagara.edu**

Documentation must be current, and must be submitted by a qualified professional. The documentation must clearly identify a disability and its impact on the student's current level of functioning in a university setting.

Eligibility for reasonable and appropriate accommodations will be determined on an individual basis.

Depending on the disability and the type of assistance requested, a student may be referred to additional university service providers as needed.



Student Life



The major purpose of the student life sector is to advance both the university's educational mission and the Vincentian tradition, which "emulates the altruistic spirit of Vincent de Paul." Because education at Niagara is holistic, student life professionals provide services and programs that encourage value-centered

growth in the intellectual, emotional, physical, social, and spiritual maturity of the student.

As partners with faculty in the educational enterprise, personnel support and enhance the academic mission of the university. They acknowledge the primacy of academics and are concerned with the out-of-class environment that affects learning. Thus, developing a community where students allow values to be freely shared and examined, make and keep friends, care about the welfare of others, and learn to balance freedom and responsibility are major objectives of the student life sector. As managers of their own affairs, students learn to make better decisions and bear the consequences of their choices.

Student life professionals believe in the uniqueness of each student and pledge to create a climate where diversity of race, religion, age, gender, culture, physical ability, and nationality are received as gifts. Bigotry, sexism and racism, therefore, are seen as incompatible with a learning environment.

Learning is a lifelong process. Personnel help students "learn to learn" by promoting cocurricular activities which complement classroom experiences. Staff encourage students to participate in institutional governance, to think critically, to promote academic honesty and personal integrity, and to engage in community service as preparation for good citizenship. This holistic approach helps develop informed, compassionate and capable graduates whose vision and values will enrich their lives and add to the betterment of society.

For student life, campus life is an essential part of their educational process. Under the supervision of the vice president, personnel work to realize the sector's vision statement in their daily interactions with students. Policies, procedures, services, and programs are planned in consort with this vision and the university mission.

The vice president is assisted by the dean of student affairs, as well as the directors of campus activities, multicultural and international student affairs, recreation, intramurals and club sports, health services, university housing, counseling services, career development, cooperative education, new student programs, judicial affairs, and campus safety.

Student Affairs

The dean of student affairs oversees the overall administration of the residence hall program, housing facilities, student conduct

and the judicial system, health and counseling services, and first-year programs.

Creating and maintaining a campus environment that fosters commitment to education, personal development, health and safety, and advancing student growth through civic responsibility are the division's primary goals.

First-Year Experience Programs

CARE: During the month of July, the university sponsors CARE (Collegiate Advisement Registration Experience), a series of two-day programs for freshmen. New students are expected to attend one of these summer sessions, which focus on academic advisement, course registration, financial planning, and the opportunity to meet other students. Guardians are also encouraged to participate in the CARE programs tailored to parental issues.

Daylong sessions are scheduled in April and November for transfer students in preparation for the school year.

New Student Convocation: The official welcoming ceremony to the university community by the President, faculty and staff begins the new student's orientation experience. It is designed as an opportunity to convey to students the significance of their educational endeavor and the commitment of the university to support them in the achievement of this goal – both inside and outside the classroom. In addition to formally introducing the students to their collegiate career, the convocation will give students a sense of the strength and identity of their class. The students will also experience Niagara University's sense of community derived from the values of St. Vincent De Paul.

New Student Orientation: Just prior to the official opening of the fall and spring semesters, special programs are held to introduce new students to college life. Under the auspices of the campus activities office, orientation begins the process of connecting with others in a learning community, as well as provides time needed to become familiar with campus traditions and a new environment.

First-Year Niagara: Attendance at a series of classes and focusing on a variety of special college issues is mandated for freshmen during the first semester of study. A satisfactory grade is needed to meet graduation requirements.

Campus Activities

An important component of a liberal education is participation in co-curricular and extracurricular activities. As Niagara University is firmly committed to the education of the whole person, students are encouraged to become actively involved in campus life.

Campus activities personnel create and promote opportunities for involvement. Staff advise student organizations and coordinate on-campus programs. The office also serves as a clearinghouse for information, scheduling and advertisement of campus-wide activities.

The office is responsible for the planning and coordination of social, cultural and educational events, oversees new student

orientation, student government and leadership programs, and works closely with the campus programming board. Personnel also assist residence hall staff in designing a diverse program of activities in the buildings, as well as plan wellness and cultural diversity programs.

Through the campus activities office, approximately 70 student clubs and organizations are made available to the entire student body. These activities engage students professionally as they pursue their major academic interests and personally as they develop their unique talents and interests. Collectively, the various student activities enhance life at NU by offering students an opportunity to experience leadership and to mature as competent men and women.

Leadership and Student Governance

Campus Programming Board: The CPB is comprised of volunteer students who gain valuable leadership experience through the planning and implementation of a variety of social, cultural, recreational, and educational events intended to bring the campus community together.

Niagara University Student Government Association (NUSGA): This representative group of elected and appointed students serve the university community by promoting the general welfare of the student body. Through a democratic process, student leaders address their peers' concerns, as well as provide a wide variety of activities and programs.

Class Government: Each of the four classes is represented by a slate of officers who are elected annually. These governing bodies seek to maintain an esprit de corps within each class by sponsorship of a number of activities throughout the academic year.

Resident Hall Council: The RHC consists of representatives elected from each residence hall. The group focuses on developing a sense of community within the resident population and ensuring the quality of on-campus life.

EAGLE Leadership: Experience and Growth in Leadership Education (EAGLE) is a series of one-hour workshops offered through the year that focuses on teaching students the importance of personal, professional and ethical leadership skills needed in today's society. The workshops are facilitated by university faculty, staff and local guest lecturers.

New Student Orientation (NSO) Executive Board, comprised of approximately 20 students, works throughout the academic year researching and planning exciting activities for the NSO program held each August and January. In addition to the board, NSO involves nearly 150 upper-class orientation assistants (OAs) to aid new students in transitioning to Niagara University.

Academic Clubs and Organizations

Accounting Society is an organization formed to stimulate outside interest in the varied and ever-expanding field of accounting. Activities such as excursions to various accounting installations and lectures, given by professional accountants

from both public accounting and industry, provide a better understanding of the field.

Active Minds is a student organization dedicated to promoting awareness of mental health issues on campus. Club members hold fund raisers, undertake media campaigns, organize stress reduction activities at critical times, such as exam weeks, and participate in the annual conference sponsored by Active Minds on Campus, a national organization based in Washington, DC. The club aims to increase awareness of mental health issues, provides information and resources regarding mental health and illness, and encourages students to seek help as soon as possible.

Alpha Phi Sigma, the national criminal justice honor society, was chartered to make criminal justice professions and practitioners more effective, to inspire a just pride in their work, and to apply scientific practices and techniques within the criminal justice field. Membership is open to students majoring in criminal justice at the university with a QPA of 3.0.

Alpha Sigma Lambda is a national honor society that provides an association for nontraditional students who have demonstrated academic excellence in continuing higher educational programs.

American Chemical Society (Tetrahedron) aims to encourage a feeling of professional pride among chemistry majors and to aid them in educational and industrial fields. The group sponsors movies, lectures and tours of industry and other local colleges.

Beta Alpha Psi is an international honorary organization for financial information students and professionals. Its primary objective is to encourage scholastic and professional excellence in the business information field. This includes: promoting the study and practice of accounting, finance and information systems; providing opportunities for self-development, service and association among members and practicing professionals; and encouraging a sense of ethical, social and public responsibility.

Beta Beta Beta is a national biological honor society for undergraduates emphasizing scholarship, dissemination of scientific knowledge, and promotion of biological research. It reserves its regular membership for those with superior academic records (3.0 in the sciences) and special aptitude for and major interest in the life sciences. It strives to cultivate intellectual interest in the natural sciences and promote a better appreciation of the value of biological study, welcoming into associate membership all students interested in biology. Beta Beta Beta also endeavors to extend the boundaries of man's knowledge of nature by encouraging new discoveries through scientific investigation and, to this end, encourages undergraduate students to begin research work and report their findings in the journal of the society, BIOS. Activities are held in conjunction with the biology club.

Biology Club is open to all students whose concentration is in the biological sciences. The chapter provides a program

intended to promote professionalism among its members by means of guest lecturers, field trips and social events.

Club International functions as a student organization as part of the international studies department. Club International is open to students who show interest in international studies. The club primarily plans cultural events and activities both on and off campus. Field trips, socials and lectures have been planned in the past including visits to the United Nations in New York City and trips to Montreal, Canada.

Collegiate Entrepreneur Organization (CEO) is a nationally-affiliated club focused on entrepreneurship and free venture, two growing fields of interest for many collegians. Students from any major are eligible to join CEO.

Criminal Justice Association (CJA) is geared to educate all students about the criminal justice system with lectures and conferences on and off campus by FBI agents, state troopers and others governmental agencies. Community service activities, like food and clothing drives and volunteering in a soup kitchen, help students gain a better understanding of our community.

Delta Epsilon Sigma, Alpha Zeta Chapter is the national scholastic honor society for students of Catholic colleges and universities. Students from all disciplines within the university are eligible for membership.

Delta Nu Alpha is a professional transportation organization that promotes a greater knowledge of traffic and transportation among its members. Membership is limited to students enrolled in an accredited traffic and transportation program.

Eta Sigma Delta is the international honor society for hospitality and tourism students enrolled in baccalaureate degree programs. Its purpose is to recognize scholarship, service, professionalism, and leadership.

Financial Management Association International (FMA), established in 1970, has become the global leader in developing and disseminating knowledge about financial decision making. Niagara's student chapter of FMA provides opportunities for professional interaction between students and finance practitioners. Additionally, students have the opportunity to attend the annual Finance Leader's Conference, and may also be recognized for FMA's National Honor Society.

Hospitality and Tourism Association is a membership organization committed to communicating and coordinating professional and social activities particularly relevant to College of Hospitality and Tourism Management students.

Kappa Mu Epsilon, New York Eta Chapter is the national mathematics honor society. The membership is composed of those students who have at least a 3.0 average in mathematics, rank in the upper 35 percent of their class, and have completed at least three semesters of calculus or other upper-level mathematics courses. The primary objective of the society is to encourage students to develop an interest in mathematics. Meetings generally consist of the presentation of student papers which cover topics not ordinarily taught in the classroom.

Occasional lectures by leading mathematicians also are heard.

Lambda Pi Eta is the official communication studies honor society of the National Communication Association. Its goals are to: recognize, foster and reward outstanding scholastic achievement in communication studies; stimulate interest, promote and encourage professional development among communication majors; and explore options for graduate education in communication studies.

Mathematics Club is an association which aims to further student understanding of mathematics and its applications and to promote activities which will provide for informal exchanges among the mathematics faculty and students.

National Society of Scabbard and Blade was founded in 1904 as an honor society for ROTC cadets. Sponsored by the department of military science, Company K-11 was established at Niagara University in 1954 to recognize academic and military excellence, to promote good citizenship and to prepare cadets to be active, responsible and efficient officers. Members take part in several community and military activities during the school year and may attend the biennial national convention.

Niagara University Future Teachers Association (NUFTA) is a social and professional organization for education majors. Club membership is open to all students in the College of Education and provides them with a variety of opportunities to exchange ideas and enhance their perspectives on professional education.

Niagara University Honors Program President's Society comprises junior and senior honors program students invited to work with the university's president to promote teaching/learning, research and service programs and serve at various institutional events. Students selected are recognized for their scholarship, integrity, maturity, and devotion to the Catholic and Vincentian traditions of the campus community.

Niagara University Marketing Association (NUMA), in affiliation with the American Marketing Association, was formed to enlighten interested students in the functions and operations of marketing. The association sponsors such outside activities as tours through selected firms and seminars featuring guest speakers. Membership is open to any student pursuing a career in the fields of marketing and management.

Niagara University Philosophy Club consists of a group of students who come together for open philosophical forums focused on the exchange of ideas and the promotion of individual thought. Typical activities include watching movies and discussing associated philosophical themes, sponsoring philosophical debates and social gatherings. Membership is open to any Niagara student.

Phi Alpha Honor Society, Delta Gamma Chapter is a national social work honor society for undergraduate social work majors, faculty and local practitioners. The purposes of the society are to provide a closer bond among students of social work and promote humanitarian goals and ideals. Phi Alpha fosters high standards of academic excellence and training for social workers.

Phi Alpha Delta, the pre-law association, is the Niagara University Chapter of Phi Alpha Delta Law Fraternity. Dedicated to its motto "Service to the Student, the Law School, the Profession, and the Community," its purpose is to provide a forum for the discussion, propagation and dissemination of justice and the rule of law in our university community and the larger society. The collective goal is to assist the campus community in providing a scholastic environment where justice prevails.

Phi Alpha Theta is the national history honor society. Invitation to membership is open to individuals who meet the stringent criteria for scholastic performance both in history and general academic course work. The society's mission is to promote the study of history through the encouragement of research, good teaching, publication, and the exchange of learning and ideas among historians.

Phi Beta Delta, Delta Mu Chapter is an honor society for international scholars and students who demonstrate aptitude in the area of scholarly work of an international scope. Membership is available to qualified students and faculty across all disciplines.

Phi Sigma Iota, Alpha Upsilon Chapter is the national foreign language honor society. Its purpose is to recognize outstanding ability and attainments in the study of foreign languages and to promote an interest in cross-cultural enrichment within the university community. Membership is open to juniors and seniors with a major or a concentration in a foreign language who have completed the advanced level by their fifth semester. Members must have an overall QPA of 3.0, as well as a QPA of 3.0 in foreign language.

Pi Lambda Theta is an international honor society in education with over 15,000 members in 167 local chapters. Membership in Niagara University's Gamma Lambda chapter is by invitation to undergraduate and graduate students, as well as College of Education alumni. Membership benefits include supplementary experiences and professional contacts, recognition for academic excellence and opportunities for leadership, and subscription to the society's newsletter and award-winning quarterly professional journal, "Educational Horizons."

Pi Sigma Alpha, the national political science honor society, is open to all political science majors and minors who have taken five political courses and maintained a QPA of 3.25 or above. PSA involves itself in public service activities. Membership makes one eligible for grants and fellowships made available by the national organization.

Political Science Forum is an organization of political science majors and minors dedicated to public service and advancing students' understanding of politics through the sponsorship of debates on current political issues, encouraging political participation, and learning through experience. In cooperation with the Prelaw Student Association, the PSF sponsors an annual trip to Washington, D.C., aimed at observing political practitioners in action.

Prelaw Student Association, which is associated with the National Phi Alpha Delta Honor Society, provides a forum for communication, information and guidance to all members of the NU community interested in pursuing legal studies.

Psi Chi is the national honorary organization for students of psychology. Students must have attained a QPA of 3.0 or higher in psychology courses taken. Activities are held in conjunction with those of the psychology club.

Psychology Club is an organization that brings together students with a common interest in advancing psychology as a science and profession. Its activities include guest speakers, touring local mental health facilities, discussing recent films, volunteering in local mental health agencies, and holding fundraisers and socials. Membership is open to all students.

ROTC Drill Team is a competitive drill and ceremonies team committed to enhancing cadet skills and knowledge in military drills. Skills and confidence gained by involvement in the team assists participants in becoming more well-rounded officers in the United States Army.

ROTC Ranger Challenge's purpose is to provide interested students with a view of Army life practiced in specialized light-infantry units and an opportunity to learn leadership skills.

Sigma Alpha Sigma is the undergraduate honor society of Niagara University. Its purpose is to recognize and reward scholastic and extracurricular attainments and to promote interest in and give an added incentive to undergraduates in various fields of endeavor. Membership is one of the university's highest achievements.

Sigma Iota Epsilon is both an honorary and professional fraternity. Its general purpose is two-fold: to encourage and recognize scholastic excellence and to promote cooperation between the academic and practical aspects of management.

Sigma Tau Delta is the international honor society in English. With over 400 chapters in the United States, Canada and Europe, Sigma Tau Delta aims to foster an interest in the study of the English language and literature and a spirit of fellowship and service among its members. NU's Alpha Alpha Zeta chapter promotes these goals by sponsoring poetry readings, conference trips, community service activities, and social events. To be eligible for membership, students must have completed at least three English courses beyond the introductory level, must have at least a 3.0 average in their English courses, and must rank in the upper 35 percent of their class. Membership benefits include subscriptions to the society's newsletter and literary journal and opportunities to compete for scholarships and internships.

Social Work Student Association is open to all students majoring in social work. SWSA's purposes are: to promote interest in social work and related issues through association with others who are committed to a career in social work; to provide supplemental educational experiences for students; to act as an advocate for students in academic and administrative matters; and to enhance social interaction among the students.

Each year, members are responsible for selecting students to serve on the various departmental committees.

Society for Human Resource Management (SHRM) is a social, academic club enabling its members to learn more about the human resource profession by networking in a social atmosphere with business professionals throughout the Western New York area. Membership is open to anyone pursuing a career in the human resource and management field.

Theta Alpha Kappa is the national honor society for religious studies and theology. The local chapter, Alpha Upsilon, encourages research, good teaching and publication, as well as dialogue between students and teachers of religious studies and theology.

Who's Who Among Students in American Universities and Colleges is a nationally-recognized program honoring outstanding campus leaders for scholastic and community achievements. For eligibility, students must have junior or senior status and have earned a QPA of 2.5 or higher. Honored students are presented with a certificate during the spring semester.

Social and Service Clubs and Organizations

African Student Association promotes understanding and interaction between African students, while fostering cultural and social ties with other student groups and the surrounding community.

Alpha Sigma Alpha is a national sorority open to all female students who meet the organization's requirements. The chapter's purpose promotes sisterhood regardless of race, creed, or religious affiliation. Alpha Sigma Alpha focuses on community service, works closely with the Special Olympics, and encourages all aspects of campus life.

Bienvenidos focuses on introducing students to cultural richness and variety of Spanish-speaking countries. Comprising many different ethnic groups, the club engages in activities related to these nations. Membership is open to all students interested in Hispanic cultures.

Campus Ministry-sponsored opportunities include:

- **B.A.S.I.C.** (Brothers & Sisters in Christ) – This popular week-long service program takes place during the winter or spring break. It involves students in unique service projects in urban and rural settings within the Vincentian tradition. Students learn firsthand about the poor and the value of serving those in need.

- **Chapel Choir** – consists of men and women in the university community who enjoy singing at Sunday liturgies.

- **Liturgical Ministers** – Students are encouraged to volunteer to be readers, altar servers and Eucharistic ministers for Sunday Mass.

- **Ministry Advisory Board** – Students contribute their ideas, time and talents to help create a warm, welcoming climate at Sunday Mass in Alumni Chapel. Student leadership for liturgy planning greatly enhances our Christian community.

- **Music Ministry** – Students who enjoy singing or playing

a musical instrument are invited to share these talents during liturgies in Alumni Chapel. Students need not be Catholic to participate in music ministry at Sunday Masses.

- **NU Pax Christi** – This is the campus chapter of Pax Christi International, the Catholic social justice organization that has been working toward a more peaceful, just and sustainable world since 1945. The NU chapter comprises students, faculty and administration with diverse academic interests, political orientations and religious backgrounds who engage in community service, raising awareness and advocacy for the underprivileged.

- **Retreat Leaders** – Peers ministering to peers is a key element of campus retreat programs. By volunteering to be a retreat leader, students develop great leadership skills that transfer into careers, as well as add to one's faith.

- **St. Vincent de Paul Society** – This is an international organization founded in 1833 by Blessed Frederic Ozanam. With St. Vincent de Paul as the patron, the society seeks in a spirit of justice and charity to serve those who are suffering through direct service.

- **Other** – Religious or faith-based clubs, organizations and groups are required to work in concert with the goals and mission of the Office of Campus Ministry.

Club Italiano is a club intended to engage students in Italian culture, food and family, while giving back to the Italian community. Any Niagara student interested in Italian culture is eligible to join.

College Democrats unites students of all majors with a shared interest in the Democratic Party to work for local, state and national Democratic campaigns. Participation also provides students with opportunities to become involved in college democrat organizations in New York state and at the national level.

College Republicans unites students of all majors with a shared interest in the Republican Party to work for local, state and national Republican campaigns. Participation also provides students with opportunities to become involved in college republican organizations in New York State and at the national level.

Delta Chi Epsilon: This local men's fraternity focuses on academic and societal advancement of each brother. The group's major philanthropies include the Boys and Girls Club of Niagara Falls and the American Red Cross. Delta Chi strives to be friends before brothers, bringing all the members' interests together for a positive impact on the group as a whole.

Family Weekend Committee. Annually, family members of the entire university community are invited to Niagara for a fall weekend. The committee works throughout the year to arrange different activities and social events which make the families' visits enjoyable and memorable.

Inter-Greek Council oversees all social Greek organizations on campus, bringing them together to build not only closer

relationships between the groups, but also with the surrounding community. Community service is a major goal of all the member organizations. Participation requires membership in one of the Greek organizations.

International Student Association (ISA) is a service organization that focuses its efforts on the welfare of members through a unified effort in adapting to the environment, people and culture of the United States. Its ultimate goal is to contribute to the enrichment of the campus community. Domestic students are encouraged to become members to enhance their perspective of cultures of other countries.

Model UN allows students of all majors with an interest in international relations to experience international diplomacy through simulated diplomatic interaction with other Model UN organizations throughout the nation.

National Panhellenic Council is composed of the female fraternities on campus. As a unifying organization, members work to better both campus and community relationships. Philanthropic activities focus on working with women and children. Participation requires membership in one of the national Greek sororities.

Niagara University Community Action Program (NUCAP) provides opportunities for students wishing to contribute their time and talents to help the less fortunate. Interested students are put in contact with area agencies for volunteer work with the poor, disabled, elderly, youth, and the sick, as well as tutoring and counseling. Throughout the course of the school year, NUCAP also sponsors one-day programs on campus for children, the elderly and the developmentally disabled.

NU Danceline is a group of students who enjoy synchronized dancing and like to put that skill to the test in front of the fans at our intercollegiate basketball games. The choreographed Danceline holds open tryouts each year for interested students.

NU Heavenly Voices Gospel Choir: Open to all students and faculty members of Niagara University who have a passion and a will to learn more about gospel music. The choir's goal is to reach as many people as possible through song and praise of God's word.

N ZONE is the official Niagara University student spirit club. Dedicated to promoting school spirit and cheering on the Purple Eagles, undergraduate NU students are invited to join the sea of purple! N ZONE goals include: increase student spirit on campus at athletic events; create a fun environment for members and, in turn, solidify a home court/ice advantage; provide a great social opportunity to meet new people; serve as student ambassadors of Niagara athletics with enthusiasm, integrity and sportsmanship.

Outdoors Club allows Niagara students to experience the joys of outdoor activities with others, such as hiking, camping, backpacking, canoeing, rafting, rowing, biking, climbing, fishing, ice fishing, tubing, snowshoeing, and any other activity determined by the club to further its purpose.

Phi Sigma Sigma is a national sorority open to all female students who meet the organization's requirements. The chapter's purpose is to promote friendship and cooperation among collegiate women of all races, creeds and religions. The sorority also works to raise the standard of academic ideals and to provide and promote various philanthropic endeavors, such as the National Kidney Foundation.

The Poetry Society at Niagara is open to all students interested in reading or writing poetry. Members' poems periodically are published in the student newspaper, and an anthology of the entire membership's works is published.

Purple Eagle Battalion Color Guard's purpose is to foster esprit de corps, a sense of civic duty and service, and a practical understanding of the basics of military drill and ceremonies. Participating students are cadets in the university's Army ROTC program. They present our university and national colors at sporting events, awards ceremonies, memorial ceremonies, and parades throughout Western New York.

SHADES (Sharing Heritage and Diversity to Educate Society), strives to promote and exchange ideas of common interest to domestic minorities and to heighten the cultural, educational and political consciousness of all students on campus. Membership is open to any interested student.

University Players are affiliated with NU's theater program, which is well-known for the quality and professionalism of the productions it presents each academic year. During the summer season, students often appear in community productions.

Campus Media

Niagara Index is a campus newspaper written and edited by students. The publication reports news and sports, as well as forthcoming special events. It is staffed by undergraduate students from all academic years and majors.

Niagaran, the university's yearbook, is the pictorial and verbal representation of the school year. Written and produced by a cross section of undergraduate students, this publication makes its annual appearance in early fall.

WRNU, the campus radio station, provides students with entertainment, publicity and coverage of university sporting events. In addition to being a service to the students, the radio station provides an excellent opportunity to students interested in radio communications and media.

Live Music and Broadcasting Committee supports an array of entertainment events on the campus. Committee members are responsible for the administration and technical support of WRNU campus radio, Niagara University's Live Music Series and DJ services for university events. Members learn many skills including, but not limited to, sound production, stage lighting, radio program production, and entertainment event planning.

Athletics

The intercollegiate athletics program is viewed as an essential component of the university's educational mission and is designed to provide the campus community with opportunities to participate in a wide variety of competitive activities.

Athletics Mission Statement. As an integral part of the Niagara University community, the athletics program strives to create an environment that challenges student-athletes to reach their full academic and athletics potential.

The conduct of the program reflects the core values of the university's Vincentian mission in its emphasis on the intellectual, personal and spiritual growth of the student-athletes.

Critical character values, including a strong work ethic, leadership, teamwork, sportsmanship, fairness and service are actively promoted among the student athletes.

The program is intended to provide esprit de corps among the student body and offer a rallying point for the campus, alumni, and community.

Consistent with the university policy, the athletics program does not discriminate against any individual in educational or employment opportunities because of race, color, religion, national origin, gender, disability, or status as a disabled veteran or veteran of the Vietnam era.

Intercollegiate Athletics. Approximately 300 student-athletes participate in Niagara University's 17-sport varsity program, which provides an excellent opportunity for the student-athletes to test their athletic abilities in challenging environments. In addition, the athletics program provides a rallying point for the campus, the local community and the alumni.

The university is a National Collegiate Athletic Association (NCAA) Division I member and is a member of the Metro Atlantic Athletic conference (MAAC) in 15 sports. The men's and women's hockey teams compete in College Hockey America (CHA).

Varsity sports offered for men include baseball, basketball, cross country, golf, ice hockey, soccer, swimming and diving, and tennis. The women's program consists of basketball, cross country, ice hockey, lacrosse, soccer, softball, swimming and diving, tennis, and volleyball. There is also the opportunity to join the cheerleaders, a group of men and women that perform at men's and women's basketball games, encouraging the crowd to give the Purple Eagles its full support.

All student-athletes live under the department's Code of Conduct, adhering to university principles and department behaviors and values.

Inquiries regarding scholarships and tryouts should be directed to individual head coaches. General information, including history of student-athlete graduation rates, can be obtained from the athletics department.

Recreation, Wellness and Club Sports

Niagara's intramural and recreation program provides opportunities for students to constructively use their leisure time and improve both physically and emotionally. Approximately 50 intramural, fitness and instructional programs are offered by Kiernan Center staff based on student interest.

Team activities have included broomball (at the ice arena), flag football, basketball, racquetball, floor and roller hockey, indoor & outdoor soccer, volleyball, and dodge ball. Health/

wellness and instructional programs have included: personal trainer service, group exercise classes, weight training, healthy living instruction, and swimming lessons. Outdoor recreation facilities include tennis and basketball courts and fields for baseball, soccer, rugby, lacrosse, football, and softball.

Club Sports. The university's club sports program offers students an alternative to intercollegiate athletics and intramural sports. All clubs are self-administered by elected student officers and are supported by membership dues, fund-raising activities, donor contributions, and sponsorships. The following club sports have been available at Niagara: men's and women's ice hockey and rugby, women's lacrosse, and skiing. Students interested in establishing a club sport are encouraged to contact the director of recreation and intramural sports in the Kiernan Center.

Multicultural and International Student Affairs

The MISA office offers educational and social opportunities that promote a positive multicultural learning community, one which fosters campus-wide unity and appreciation for the richness of all cultures. Events highlighting the diversity on campus are presented throughout the year via culturally sensitive workshops, panel discussions, video presentations, and live performances. The office also provides advisement emphasizing the importance of leadership and organizational dynamics to student groups and individual campus leaders.

Students of color and internationals can receive guidance with academic advisement, interpersonal relations, problem-solving strategies, post-completion studies, and career services. Nonimmigrant international students are given assistance in acclimating to life in the United States, as well as in compliance with current U.S. immigration laws. In order to comply with the rules and regulations of the U.S. Immigration and Naturalization Service, all international students from abroad and Canada attending Niagara University on an F-1 status must register at the beginning of each semester with the MISA office. Adjustments to I-20 Visas are administered through the registrar's office.

Upon acceptance to NU, international students are required to demonstrate proof of having accident and illness insurance, effective for one year, and submit required health and immunization records to the university's health center. For specifics, refer to the health services section of this catalog.

University Housing

All on-campus residences are managed through the housing office, which oversees physical accommodations, assignments to and reservations of residential facilities, and matters relating to the business and statistical data of student life.

Personnel work to ensure cleanliness, attractiveness, safety and comfort in housing facilities and to render service in routine matters associated with on-campus residency. Summer school housing also is coordinated through this office.

Over 1,500 students are housed in several residence halls, an apartment complex, and a grouping of six small cottages on the campus. Both coeducational and single-gender accommodations are available.

The buildings are staffed with well-trained resident directors and assistants (RAs and CAs), who work to create a positive, pleasant and safe climate in the residences. They offer assistance to students, implement educational and social programs, and manage the facilities.

Six two-story apartment buildings house approximately 200 upperclass students. Each fully furnished unit accommodates four persons in private rooms. On-campus junior and senior residents are given preference for apartment assignments.

Residence hall rooms are set aside for freshmen and upperclass students, as well as special interest groups such as honors students, internationals, and student-athletes who meet the qualifications of their respective departments. All area assignments are based on space availability.

NU maintains male and female accommodations in a proportion equal to the number of applicants for respective residency. New students are assigned to halls from a priority list determined by the date the \$200 acceptance fee is paid to the university and when a completed housing form is submitted. On-campus residency is considered to be for the duration of the academic year. Permission to reside off the campus is granted only prior to the start of the new academic year.

Rooms are equipped with beds, desks, chairs, and wardrobes. All bed linen, pillows and towels must be furnished by the student.

The residence halls are closed to students during the Thanksgiving, Christmas and spring vacation periods. Summer housing is available on a limited basis.

The university requires that all Niagara students live in the residence halls for their first two years, except as noted below. The need for this regulation is predicated on statistics that show students who live in residence halls tend to perform better academically, acclimate more rapidly to the collegiate environment, become involved in a greater number of learning experiences that complement classroom teachings, and are more satisfied in general with the college experience.

The only exceptions to the residency requirement are:

- Students commuting from their home address or from the residences of relatives which are determined by the university to be a reasonable distance from the campus.
- Transfer students
- Married students
- Veterans
- Students who delayed college attendance and maintained financial independence for at least two years following high school graduation.

Requests for exemption of the residency requirement should be made to the university housing director. Appeals of the director's final decision must be submitted in writing, with all relevant documentation, to the vice president for student life as follows: by **December 1** if appealing for the spring semester and by **July 1** if appealing for the fall semester.



Campus Ministry

The Office of Campus Ministry fosters spiritual growth, leadership development and social awareness among all members of the campus community. Discussion groups, interfaith prayer, weekday Mass, community service, music ministry, sacramental preparation, Bible study, pastoral counseling, retreats, and leadership experiences are among the many ways the department seeks to engage students in a vibrant journey into the discovery of their faith. Whether you are Catholic, a Christian from another denomination, Jewish, from one of the many other diverse religious traditions or uncertain about your faith, Campus Ministry has something to offer you!

Faithful to NU's rich Vincentian tradition, Campus Ministry places a special emphasis on outreach to the poor. Brothers and Sisters in Christ (BASIC) is a unique service program involving students in a week-long urban or rural immersion experience during semester breaks. At Christmas, Easter or in the summer, students engage in Christian service, while living with those they are serving. Reflective activities help participants to integrate their experience into a lifelong commitment to service and action.

We also provide student-led retreats and a variety of faith-sharing groups diverse enough to meet most anyone's interest. Students concerned about social justice and service are encouraged to become members of Pax Christi or the St. Vincent de Paul Society. In addition, the Campus Ministers, located in the lower level of the Gallagher Center, are available to meet formally and informally with students to discuss both spiritual and personal issues.

The Alumni Chapel, located in the heart of campus, is open to all for private prayer throughout the day, evening and on weekends.

To learn more about how Campus Ministry can enhance your collegiate experience, visit our Web site at: www.niagara.edu/ministry.

Mass Schedule - Alumni Chapel (during the Academic Year)

Monday, Wednesday, Friday....12:05 p.m.

Tuesday & Thursday.....12:35 p.m.

Sunday.....11 a.m., 4:30 p.m. and 10 p.m.

(schedule subject to change during semester breaks)

Career Development

As part of the educational process at Niagara University, the Office of Career Development (OCD) provides individualized services to assist students and alumni in developing and fulfilling career objectives, with the goal of obtaining lifelong career satisfaction. Staff offer a comprehensive program of career exploration and counseling, cooperative education and internship experiences, graduate and professional school information, job recruitment opportunities, and job search training. Specialized career planning workshops are conducted on topics such as: resume and cover letter preparation; job search strategies; identification and research of employers; and interview techniques. Career counseling is available for students seeking guidance in career exploration, planning and decision-making. The department also is licensed to offer students access to an Internet-based career guidance program.

The department's recruitment program includes a variety of career-specific, on-campus career fairs; teacher recruitment days; and the coordination of on-campus interviews with visiting employers. Practice interviews are provided to prepare students for recruitment opportunities. The department also coordinates an annual "Get Hired Month" in the spring semester, which includes a "Dining for Success" etiquette dinner, "Dress for Success" professional image fashion show and nationally-recognized speakers on career-related topics.

In addition, the job locator program assists students in finding part-time, temporary and summer employment opportunities while in college. Students are encouraged to contact the department early in each academic semester to express interest in the program.

To assist students interested in continuing their education, the department coordinates an annual "Get In To Graduate School Week" in the fall semester, which includes a Graduate and Professional Schools Fair, Law School Fair, practice graduate admissions tests, and informational seminars. The department also provides material on graduate programs, testing requirements and application processes.

The career library houses a selection of timely career and graduate school related resources and a bank of computer stations with Internet access to locate employment opportunities, research employers and prepare resumes and cover letters. Additional career and graduate school related resources are housed in a special "Career & College Success" collection in the main library.

For more information on OCD programs, services, events, and resources, visit www.niagara.edu/career.

Cooperative Education

A cooperative education experience enables students to explore the world of work firsthand by providing a unique opportunity for them to earn while they learn. Students majoring in liberal arts, business or hospitality are eligible to participate in the co-op program in their junior or senior year, enabling them to gain academic credit as well as paid work experiences in their majors. The cooperative education

program increases career choices for students, and helps employers to train and hire better qualified personnel.

Students are encouraged to consider co-op program opportunities early in the planning of their studies. Those unsure of their career goals are particularly encouraged to experience paid, on-the-job training through a co-op position. The program has proven to be an effective means of exploring and evaluating career interests, as well as a solid preparation for professional life.

Counseling Services

The counseling services office offers professional mental health counseling that gives students an opportunity to explore and share any situation, question or difficulty they may be experiencing. Counseling can help students get to know themselves, communicate effectively, make personal choices, help another grow, feel high self-esteem, have a sense of purpose, grow from a crisis, learn how to use counseling resources, make personal changes, and develop a wellness lifestyle.

The office is committed to providing assistance to students who may be dealing with everyday life stressors and more difficult problems or circumstances. Services offered include: individual and group counseling; mental health assessment and intervention; personal wellness counseling; support groups; workshops; consultation; and referral. For students with potential or actualized chemical dependency problems, an alcohol/drug assessment and referral service is available. All counseling sessions are confidential.

Located in the lower level of Seton Hall, the office is open Monday-Friday from 9 a.m.-5 p.m. Appointments also can be made by calling 286-8536.

Student Health Services

The Student Health Center provides services during the academic year to all full-time and part-time undergraduate and graduate students who have paid the health services fee and who have submitted the required Medical History and Immunization Record. A strict code of confidentiality is maintained by all health center personnel.

The center is staffed with a nurse practitioner/director, part-time physician, registered nurses, and a health educator. Students may receive health care by walking in to be evaluated by an RN according to protocols or arrange scheduled appointments with the nurse practitioner and physician. Services provided include: illness evaluation; treatment of common illnesses and injuries; allergy vaccinations; referrals to medical specialists and members of the health care team; referrals to area hospitals; and the availability of a limited number of prescription and nonprescription medications. Medications prescribed are the financial responsibility of the individual student. The center also provides health promotion/health education programming and information.

Immunization Requirements:

1. **Measles, Mumps & Rubella:** New York State Public Health Law #2165 mandates students attending

universities and colleges to submit proof of immunity against Measles, Mumps and Rubella.

2. **Meningitis:** New York State Public Health Law #2167 mandates students attending universities and colleges to submit documentation of their decision to receive the meningitis vaccine.

Forms are mailed with the university preadmission package. Deadlines are strictly enforced. Students who have not submitted their forms by the deadline will be subject to a fine. **In addition, as mandated by both laws, students will be deregistered from classes, removed from campus housing, and not allowed on campus until their records have been processed, which may have implications for Financial Aid.**

Medical Insurance:

All students should have private medical insurance. Students without coverage may choose to purchase a plan available to NU students; pamphlets are mailed by the insurance broker at the beginning of the semester. Pamphlets describing the plan are also available in the Student Health Center. All students need to carry their own insurance card. If an individual card is not available, a copy of the front and back of the card should be carried by the student and attached to the Medical History and Immunization Record.

International Students:

International students are required to submit proof of health insurance effective for one year, as well as the required Medical History and Immunization Record. In addition to basic coverage, the student's insurance must provide both repatriation and medical evacuation benefits. No international student shall be permitted to check in to the residence halls or to register for classes until all of the specified information is part of the student's permanent record. If the insurance policy lapses, the student will be subject to suspension from NU until such time as health coverage is renewed.



Campus Safety

The Campus Safety Department operates 24 hours a day, 7 days a week. To report emergencies or suspicious activity, call 286-8111, or use the emergency blue light phones on

the campus. The department is primarily responsible for enforcement of university policies which ensure good order on the campus, as well as regulating traffic and parking control. The department also provides general information and safety assistance to the campus community. Located in the campus safety building across from Dwyer Arena, the office also may be contacted at: safety@niagara.edu.

Campus Safety personnel perform vehicle patrols, building and grounds security rounds, and residence hall patrols to monitor for suspicious activity and safety hazards. Other services offered include: personal safety escorts, fire safety awareness programs, operation identification, equipment loan, and lost and found.

Individuals are encouraged to report incidents and crimes in a timely manner to the proper authorities. The dean of student affairs or residence hall staff may be consulted prior to filing a report. Anonymous reports may be filed; refer to the "Campus Guide to Safety and Security" for details. Campus authorities reserve the right to summon law enforcement agencies for assistance.

Campus Crime Statistics: In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, information is distributed annually to all students and employees and offered to any person making an inquiry regarding university admission or employment. Statistics are specified for the three preceding calendar years, with terms defined according to the FBI's National Incident-Based Reporting System. The data reflects all reported incidents occurring on campus, in campus residences, non-campus properties, or public property adjoining the campus. Additionally, the advisory committee on campus safety will provide upon request all campus crime statistics as reported to the United States Department of Education. To access the data on the U.S. Department of Education Web site, click: <http://www.ope.ed.gov/security/InstDetail.asp>. To obtain a copy of the statistics, contact the director of Campus Safety at 716-286-8111, or visit the Web site www.niagara.edu/safety.

Motor Vehicles/Campus Parking

To ensure the efficient use of university parking lots, it is required that all vehicles operated on campus be registered with campus safety. Parking permits must be affixed to vehicles upon issuance and at all times.

Motorists are expected to become familiar with university parking regulations, especially winter emergency and snow removal procedures. A campus map with all parking and traffic policies can be obtained from the campus safety office. Fines for parking and other vehicular violations, as well as towing charges, can be levied and added to the student's account.

All university visitors are requested to obtain a daily parking pass from campus safety. Arrangements for overnight parking must be made in advance by contacting campus safety. To learn more about parking or security issues, visit the www.niagara.edu/safety Web site.

Food Service

Resident Dining Program: All resident students must choose one of the following meal plans offered by the university's dining service.

- **Gold Plan (up to 16 entrances per week):** This plan offers the student a maximum of 16 entrances into Clet Dining Commons per week. The student also receives a \$100 Gallagher Gold declining balance account, usable in Clet Dining Commons, Gallagher Center Snack Bar, or Jazzman's Café, and 8 guest passes per semester.

- **Silver Plan (up to 12 entrances per week):** This plan offers the student a maximum of 12 entrances into Clet Dining Commons per week. The student also receives a \$175 Gallagher Gold declining balance account, usable in Clet Dining Commons, Gallagher Center Snack Bar, or Jazzman's Café, and 6 guest passes per semester.

- **Bronze Plan (up to 10 entrances per week):** This plan offers the student a maximum of 10 entrances into Clet Dining Commons per week. The student also receives a \$225 Gallagher Gold declining balance account, usable in Clet Dining Commons, Gallagher Center Snack Bar, or Jazzman's Café, and 4 guest passes per semester.

- **Plus Plans:** Choose any of the 3 meal plans and purchase an additional \$100 Gallagher Gold declining balance. This may be done at the time of choosing a meal plan. This option must be paid at the time of choice. All students will be allowed to choose their meal plan on-line and participate in the Plus Plans through the Niagara University Web site.

Participation in the meal plans also entitles the student to box lunch or dinners for missed meals, due to class or work conflict, infirmary meals, and special dietary arrangements.

Commuter Plans:

30 Block Plan – This plan allows the student to eat any 30 meals throughout the semester in the Clet Dining Commons. The student also receives a \$200 declining balance account, usable in Clet Dining Commons, Gallagher Center Snack Bar, or Jazzman's Café. Meals must be used in the semester that they are purchased. Any unused declining balance from the fall semester will be carried forward to the spring semester. All unused balances at the end of the spring semester will be zeroed out, and are nonrefundable.

60 Block Plan – This plan allows the student to eat any 60 meals throughout the semester in the Clet Dining Commons. The student also receives a \$200 declining balance account, usable in Clet Dining Commons, Gallagher Center Snack Bar, or Jazzman's Café. Meals must be used in the semester that they are purchased. Any unused declining balance from the fall semester will be carried forward to the spring semester. All unused balances at the end of the spring semester will be zeroed out, and are nonrefundable.

Gallagher Gold Account: Gallagher Gold account is a declining balance account. The student will receive an 8% saving in Clet Dining Commons, Gallagher Center Snack Bar, and Jazzman's Café, when using their declining balance

account. The student may add to this account at any time. Any unused declining balance from the fall semester will be carried forward to the spring semester. All unused balances at the end of the spring semester will be zeroed out, and are nonrefundable.

Dining Facilities:

Clet Dining Commons: The Clet Dining Commons is an all you can eat dining facility. Clet Dining Commons has stations which offer deli menu, grill menu, vegetarian menu, pizza, salad bar, and classic (traditional) menus.

Gallagher Center Snack Bar: The snack bar is located in the lower level of the Gallagher Center. It offers Tierra Del Sol (Mexican) menu, Vinnies Pizza and salads, Sub City deli sandwiches, Sunset Strips (chicken & grill) menu, Freshen's Smoothie's (fresh fruit smoothies). The snack bar also offers a variety of Grab & Go items, and a full line of bottled and fountain beverages.

Jazzman's Café: Also located in the lower level of the Gallagher Center, Jazzman's offers espresso, cappuccinos, coffee smoothies, fruit smoothies, fresh baked pastries, specialty salads and sandwiches.

Auxiliary Packages: Celebrate your son's, daughters, roommates, or friends special day with a gift package. To order a package, go to our web page (www.niagaradining.com) and click on the Gift University Banner, located on our home page.

Campus Store

Barnes & Noble Bookstores operates the campus store at NU. The bookstore carries all required and recommended textbooks (customers save 25 percent when they buy used books), plus paperback and hardbound bestsellers in a variety of subjects. Also carried are university memorabilia, sports clothing, greeting cards, toiletries, groceries, and school supplies. In addition, Barnes & Noble will buy back textbooks for a portion of the original price, depending on the condition of the book and its demand. For more information, visit the Web site at niagara.bkstore.com.

Campus Store Hours

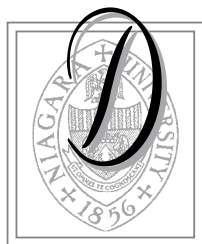
Monday - Friday: 9 a.m. to 5 p.m.

Saturday: 10 a.m. to 2 p.m.

For the convenience of students taking evening classes, the bookstore has extended hours at the beginning of each semester.



Admissions



Discover NU. The Office of Admissions encourages all students to learn more about Niagara University. For additional information about NU and an undergraduate application, contact the admissions office at (716) 286-8700 or 800-462-2111 or (716)286-8710 (fax).

You can also contact us by writing to:

Office of Admissions, Bailo Hall, P.O. Box 2011, Niagara University, New York 14109-2011; or e-mail at admissions@niagara.edu. You can access our Web site at www.niagara.edu.

To assist you in discovering the advantages of an NU education, the Office of Admissions holds various formal and informal events. These include, but are not limited to, the following:

Interviews: In order to become more familiar with NU's programs and services, an admissions interview is strongly encouraged. During this informal session you will have an opportunity to meet with an admissions counselor to learn more about an NU education. Interviews can be arranged between 9 a.m. and 4 p.m. Monday through Friday and on some Saturday mornings. To schedule an appointment, contact the Office of Admissions.

Guided Campus Tours: These tours, conducted by an NU student, can be coordinated on the same day as an admissions interview or can be arranged separately. Guided campus tours depart from the admissions office Monday through Friday, and on some Saturdays. Contact the Office of Admissions to arrange a convenient time to tour the NU campus.

Campus Visit Programs: This program combines the admissions interview and a guided tour with any additional appointments you wish to make. Options include speaking with a financial aid counselor, meeting with a faculty member, sitting in on a class or two, eating in the cafeteria, or staying overnight in the residence halls. Contact the Office of Admissions to become part of the campus visit program.

Open Houses: Another way to experience NU is to attend an open house. During an open house there are numerous opportunities to discover the academic, social, cultural, and athletic opportunities Niagara has to offer. Open houses are usually scheduled in the fall and spring semesters.

Discovery Days: These mini open houses provide an opportunity to attend presentations about admissions and financial aid. Students and their families will also meet with a representative from their academic major. Tours of campus and lunch are included. The groups are small, so you get a chance to meet other students and explore the many advantages of an NU education. For information regarding available dates, see our home page or call the admissions office.

Admissions Policy

Niagara University welcomes students whose aptitude and demonstrated academic achievement give evidence of their ability to successfully complete the various university programs.

All applications are individually reviewed. Acceptance of a student is based on the following factors: intellectual ability, past performance, character, permanent records, the results of standardized testing, and if submitted, recommendations of counselors, alumni, and other pertinent individuals.

NU is open to all students, regardless of race, gender, age, national origin, religious preference, sexual orientation, status as a veteran, or disability.

Rolling Admissions

Admissions decisions are usually made within a few weeks from the date that the completed application is received. In some cases, additional information may be required and the applicants will be notified. Decisions are rendered on condition that the applicant successfully completes and graduates from high school.

Early Action

Students who are committed to pursuing an NU education should apply under the early action plan. This plan allows students to apply to NU from the summer between their junior and senior years through December 10 of their senior year. Admission decisions will be made within four weeks of receipt of a completed application. For more detailed information, contact the Office of Admissions.

Early Admissions

Students who complete high school in less than four years may apply for early admissions provided that they:

- Are recommended by their high school counselor
- Present 16 academic units of high school work
- Have taken the SAT or ACT
- Have successfully completed all requirements for their high school diploma.

Readmission

Students seeking readmission to the university must file an application in the Office of Admissions. Additional records of college work, attempted or completed, must be forwarded to the Office of Admissions.

Candidates for readmission must have been in good standing at the time of their separation from Niagara University. Any student seeking readmission to NU who was not in good academic standing at the time of his/her separation from the university must file an appeals form with the appeals committee.

Candidate's Reply Date

In an attempt to minimize anxiety, Niagara University combines a rolling admission policy with adherence to the candidate's reply date. This means that a candidate is usually informed of the decision within a few weeks from the date that the completed application is received. All accepted applicants have the option of delaying their response to the offer of admission until the first week of May.

Required Deposit

All new students who plan to attend NU in the fall, spring or summer are required to submit a nonrefundable deposit to the Office of Admissions. This deposit indicates the student's intention to enroll. This deposit will be applied toward the student's first semester tuition payment. Nonresident students are required to submit a \$100 deposit and resident students a \$200 deposit.

Entrance Requirements

The following chart should serve as a guideline for high school units of preparation. A total of 16 academic units is required for each division. Courses which stress physical dexterity, such as typing and shorthand, shop, chorus, band and driver's education are not considered academic units. Students with less than the required number of units should contact the Office of Admissions.



College of Arts and Sciences College of Education

<i>High School Subjects:</i>	B.A.	B.S+
English	4	4
Latin or Modern Language	2	2
Mathematics (college prep)	2*	3
Science	2	3
Social Studies.....	2**	2
Electives (academic).....	<u>4</u>	<u>2</u>
Total:	16	16

College of Business Administration

<i>High School Subjects:</i>	B.B.A. & B.S.
English	4
Mathematics (college prep)	3
Science	2
Social Studies.....	2
Electives (academic).....	<u>5</u>
Total:	16

College of Hospitality and Tourism Management

<i>High School Subjects:</i>	B.S.
English	4
Latin or Modern Language	2
Mathematics (college prep)	2
Science	2
Social Studies.....	2
Electives (academic).....	<u>4</u>
Total:	16

Academic Exploration Program (Undeclared program)

<i>High School Subjects:</i>	B.S.
English	4
Latin or Modern Language	2
Mathematics (college prep)	2***
Science	3
Social Studies.....	2
Electives (academic).....	<u>3</u>
Total:	16

+Social work majors require high school units listed under B.A. programs.

*Mathematics majors must have three units in mathematics.

**Social studies majors must have three units under the B.A. program.

*** Students who hope to major in a science or science-related major must have three units of math.

Entrance Examinations

SAT/ACT: High school students are required to take the Scholastic Assessment Test (SAT) or the American College Test (ACT). Students who wish their scores sent directly to NU should indicate our code on the appropriate form. **NU's code for the SAT is 2558; our code for the ACT is 2842.** Test results must be forwarded to NU either by the processing center or from the high school. Test scores that are part of the official high school transcript are considered official. The admissions office will review and use the best subset from each test. This combination will be used for the review process.

GED: Nontraditional students (students who did not complete high school and receive their high school diploma in the regular sequence) are required to submit the results of the High School Equivalency Examination.

College Transfer Credit

High school seniors pursuing college-level course work at another institution or at their own high school must forward official documentation from the host college to the Office of Admissions. Upon receipt of an official transcript, all course work will be reviewed and a decision made concerning credit to be awarded.

Niagara University Opportunity Program – HEOP

The Higher Educational Opportunity Program, also known as the Niagara University Opportunity Program (NUOP), is a program designed to assist academically underprepared and financially disadvantaged New York state residents. Students interested in this program should ask their counselor to check the boxes on the undergraduate admissions application form.

Special Examinations

Advanced Placement (AP): In general, advanced placement credit is awarded for scores of 3, 4 and 5 earned on the Advanced Placement Tests administered by the College Board.

The credits earned through this program are subject to the guidelines established by the various university departments. Students planning to take any of these tests should check with the Office of Admissions to make certain that the test is applicable to their degree program. For further information, refer to the chapter on general academic information.

College-Level Examination Programs (CLEP): Niagara University uses the CLEP so that unaffiliated students, who may have gained education through nontraditional means, including private tutoring, independent study, radio or television courses, and correspondence courses, can take advantage of specific testing to demonstrate their competence in particular areas. Credit is awarded for scores of 50 or above for all CLEP examinations.

Military personnel, adult students, and others should contact the Program Director, College-Level Examination Program, College Entrance Examination Board, Box 977, Princeton, NJ 08540.

New York State College Proficiency Examination Program (CPE): The university grants credit for satisfactory performance on the CPE. The deans of the colleges and schools within the university will individually consider the cases of applicants who request credit.

Further information on this program may be received from the College Proficiency Examination Program, New York State Education Department, Albany, NY 12224.

Challenge Examinations: Certain academic departments of the university have constructed challenge examinations for qualified students. For additional information, refer to the chapter on general academic information.

International Baccalaureate Program: Niagara University recognizes the international baccalaureate (IB) program and will offer credit for specific courses based on the scores from the following higher-level exams.

IB higher-level exam	Score	Niagara Equivalent	Credits (sem. hours)
French Language A1	5+	FRE 205 and 206	6
Language A1	5+	ENG 100	3
Psychology	5+	PSY 101	3
Spanish Language A1	5+	SPA 205 and 206	6

Application Procedures

NU encourages all men and women whose aptitude and demonstrated achievement in high school or college give evidence of their ability to successfully complete the various university programs to apply for admission. Niagara welcomes all students regardless of race, gender, age, national origin, religious preference, sexual orientation, status as a veteran, or disability.

When to Apply: Prospective day division freshmen applying for the fall semester should make application early in their senior year. The deadline for the fall semester is August 1. The application deadline for the spring semester is January 10.

Application Instructions

Freshman Applicants

(1) Complete part I of the application form and present the entire application to your guidance office.

(2) Request that your high school academic record and principal's or counselor's recommendation be added to part II, and that the entire form be forwarded to the Office of Admissions, Bailo Hall, Niagara University, New York 14109-2011.

(3) If the results of your SAT I and/or ACT are not part of your transcript, make arrangements to have them forwarded to NU.

(4) Submit a \$30 nonrefundable application fee, payable to Niagara University. This should be attached to either the application or sent under separate cover. Please make sure that your name (applicant's name) is clearly written on the check or money order.

Home-Schooled Applicants

Niagara University welcomes applications from home-schooled students. Submission of the SAT or ACT scores, a transcript or portfolio documenting performance in secondary school courses (see entrance requirements for course guidelines) and other pertinent curriculum information are required.

Students must also obtain a letter from their superintendent or local school district official confirming that the student has received an education “substantially equivalent” to instruction given to students graduating from the public high school in that district.

Transfer Applicants and Postgraduates

(1) Complete part I of the application form and forward it directly to the Office of Admissions, Bailo Hall, Niagara University, New York 14109-2011.

(2) Make arrangements to have an official copy of your high school transcript and, if appropriate, an official copy of your high school equivalency test results (GED records) forwarded directly to the Office of Admissions.

(3) Request that an official transcript from each college you have attended be forwarded directly to the admissions office.

(4) If appropriate, use part II (Courses in Progress) to list courses you are currently taking this year.

(5) Submit a \$30 nonrefundable application fee, payable to Niagara University. This should be attached to either the application or sent under separate cover. Please make sure that your name (applicant’s name) is clearly written on the check or money order.

International Students

This school is authorized under federal law to enroll nonimmigrant students. In order to be considered for admission to NU, you must:

(1) Complete an international application accompanied by a \$30 fee. This nonrefundable application fee is required with each application, and is payable to Niagara University in U.S. funds (check or money order).

(2) Submit a TOEFL score if English is not your native language.

(3) Contact a credential evaluation service* and submit your secondary school certificate and/or results and any college transcripts to the agency for review and subsequent submission to NU. ***Your credentials will NOT be reviewed without an outside evaluation.***

*You may use any of the following credential agencies at the following Web sites:

- World Education Services – www.wes.org
- Educational Credential Evaluators – www.ece.org
- Josef A. Silny & Assocs. – www.jsilny.com

Be prepared to provide financial documentation in the amount of \$26,000 for immigration purposes. Unfortunately, NU is not able to provide financial assistance of any kind to international students.

English Language Proficiency: Nonnative English speakers seeking admission to Niagara University must verify their proficiency in English by taking the Test of English as a Foreign Language. A TOEFL score of 500 (paper exam) or 173 (computer exam) is acceptable for the College of Business, and the College of Hospitality and Tourism Management. A TOEFL score of 550 (paper exam) or 213 (computer exam) is required for the College of Arts and Sciences and the Academic Exploration Program. The College of Education requires between 520 and 560 (paper exam) or 190 and 220 (computer exam).

Visa Records: International students entering the United States for the purpose of attending university must secure a passport from their government and a visa from the U.S. Consulate. To apply for a student visa from the U.S. Consulate, a passport and immigration documents from the school you are attending are required. Worksheets and affidavits will be provided upon receipt of the application for admission.



Major Academic Programs

All degrees awarded by the university are authorized by the Regents and registered with the New York State Education Department. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.

Degree Programs

School	Program Title	Hegis Code	Degree(s)	Certification	
College of Arts & Sciences	Biology (Concentration: Bioinformatics) (Concentration: Biotechnology) (Coordinate Major in Environmental Studies)	0401	B.S.		
	Biochemistry (Concentration: Bioinformatics)	0414	B.S.		
	Chemistry (Concentration: Computational Chemistry) (Coordinate Major in Environmental Studies)	1905	B.A., B.S.		
	Communication Studies	0601	B.A.		
	Computer and Information Sciences	0701	B.S.		
	Computer and Information Sciences	5101	Certificate		
	Criminology and Criminal Justice	2105	B.S.		
	English	1501	B.A.		
	French	1102	B.A.		
	General Studies	5649	A.A.		
	History	2205	B.A.		
	International Studies	2210	B.A.		
	Liberal Arts	4901	B.A.		
	Life Sciences	0499	B.A.		
	Mathematics	1701	B.A., B.S.		
	Philosophy	1509	B.A.		
	Political Science (Coordinate Major in Environmental Studies)	2207	B.A.		
	Pre-Engineering	5609	A.S.		
	Psychology	2001	B.A.		
	Religious Studies	1510	B.A.		
	RN Completion	1203.10	B.S.		
	Social Sciences	2201	B.A.		
	Social Work	2104	B.S.		
	Sociology	2208	B.A.		
	Spanish	1105	B.A.		
	Theater Studies	1007	B.F.A.	Theatre Studies/General, Design, Technology, Performance	
	College of Business Administration	Accounting	0502	B.B.A.	Qualifies student to sit for the Uniform C.P.A. Examination upon graduation.
		Business	5001	A.A.S.	
		Commerce (Concentrations: Economics & Finance, General Business, Human Resources, Management, Marketing, Logistics, International Business)	0501	B.S.	
	College of Education	Early Child & Child Ed, Birth-6	0802.00	B.A./B.S.	Initial
		Childhood Ed, 1-6	0802.00	B.A./B.S.	Initial
		Childhood & Special Ed. 1-6	0808.00	B.A./B.S.	Initial Childhood 1-6/Sp Ed 1-6
Childhood & Middle Childhood Ed:					
• English		0804.01	B.A.	Initial Childhood 1-6/Eng 5-9	
• Spanish		0804.07	B.A.	Initial Childhood 1-6/Spanish 5-9	
• French		0804.05	B.A.	Initial Childhood 1-6/French 5-9	
• Mathematics		0804.03	B.A.	Initial Childhood 1-6/Mathematics 5-9	
• Social Studies		0804.02	B.A.	Initial Childhood 1-6/Social Stud 5-9	
• Biology		0804.04	B.S.	Initial Childhood 1-6/Biology 5-9	
• Chemistry		0804.04	B.S.	Initial Childhood 1-6/Chemistry 5-9	
Middle Childhood & Adolescence Ed:					
• Math		1701.01	B.A.	Initial Math 5-9/Math 7-12	
• English		1501.01	B.A.	Initial English 5-9/English 7-12	
• French		1102.01	B.A.	Initial French 5-9/French 7-12	
• Spanish		1105.01	B.A.	Initial Spanish 5-9/Spanish 7-12	
• Social Studies		2201.01	B.A.	Initial Social Studies 5-9/Social Studies 7-12	
• Biology		0401.01	B.S.	Initial Biology 5-9/Biology 7-12	
• Chemistry		1905.01	B.S.	Initial Chemistry 5-9/Chemistry 7-12	
Business & Marketing 5-12		0501.00	B.S.	Initial Bus/Marketing	
Adolescence Education:					
• Mathematics		1701.01	B.A.	Initial Math 7-12	
• English		1501.01	B.A.	Initial English 7-12	
• French		1102.01	B.A.	Initial French 7-12	
• Spanish		1105.01	B.A.	Initial Spanish 7-12	
• Social Studies		2201.01	B.A.	Initial Social Studies 7-12	
• Biology		0401.00	B.S.	Initial Biology 7-12	
• Chemistry		1905.01	B.S.	Initial Chemistry 7-12	
Adolescence Education & Special Ed:					
• English		0808.00	B.A.	Initial English 7-12/SpEd English 7-12	
• French		0808.00	B.A.	Initial French 7-12/SpEd French 7-12	
• Spanish		0808.00	B.A.	Initial Spanish 7-12/SpEd Span7-12	
• Math	0808.00	B.A.	Initial Math 7-12/SpEd Math 7-12		
• Social Studies	0808.00	B.A.	Initial Social Studies 7-12/SpEd Social Studies 7-12		
• Biology	0808.00	B.S.	Initial Biology 7-12/SpEd Biology 7-12		
• Chemistry	0808.00	B.S.	Initial Chem 7-12/SpEd Chem 7-12		
Teaching English to Speakers of Other Languages	1508	B.A.	Initial		
College of Hospitality and Tourism Management	Hotel/Restaurant Management (Concentrations: Hotel/Restaurant Planning and Control, Foodservice Management, Restaurant Entrepreneurship)	0508.00	B.S.		
	Tourism and Recreation Management	0510.00	B.S.		
	(Concentrations: Tourism Marketing, Recreation and Sports Management, Special Events, Destination Management)				
	Sports Management	0599.00	B.S.		

Tuition and Fees



The board of trustees reserves the right to alter the schedule of fees.

Tuition, Room and Board

(1) Tuition for full-time undergraduates **\$10,700**

Normal full-time semester program equals 15 credit hours. A student must be enrolled in at least 12 credit hours to be considered full-time. Students enrolled in more than 18 credit hours will be assessed an additional tuition charge of \$715 per credit hour.

In calculating the overall cost of a degree program, it is important to remember that some majors require more than the standard 120 credit hours, and some majors require students to take more than 18 credit hours in a semester. Students enrolled in these programs will incur additional charges at the per-credit-hour rate. Students will also incur additional charges for noncredit developmental courses. Likewise, students should know that some majors require additional fees. Please check the hour requirements of your major before determining your costs and fees.

(2) Tuition per semester hour if registered **\$715** in 1-11 hours.

Tuition per semester hour for part-time undergraduates is charged at a reduced rate for a part-time program of less than 12 credit hours (fall and spring semester only). Refer to continuing education brochure for summer rates.

(3) Auditing fee per semester hour **\$75** (nonrefundable)

(4) Room and board per semester **\$4,650**

A \$200 pre-registration deposit will be payable. For first time residents this will become the room damage deposit should the student receive a dorm placement. Returning students will receive the deposit back once a room is selected and charged to the account. If the student requests to withdraw from Niagara University by May 31, it will be refunded. Otherwise the deposit will be forfeited.

Includes double or triple occupancy room and one of the following board options:

- Up to 16 entrances into the dining facilities per week and 8 guess tickets per semester with a \$100 declining balance account which can be used at the Clet dining facility or the Gallagher Center.
- Up to 12 entrances into the dining facilities per week and 6 guess tickets per semester with a \$175 declining balance account.
- Up to 10 entrances into the dining facilities per week and 4 guess tickets per semester with a \$225 declining balance account.

(5) **Moving from Dorm to Apartment within a semester**
If a student transfers from a residents hall (dorm) to an apartment within one term and the amount of board plan used to the date of withdrawal from the dorm is greater than the pro-rated charged, then student is liable for the uncharged portion for meals used or Gallagher Gold dollars spent.

(6) Student Apartments

- Academic year **\$7,600**
- Twelve months (August 2007-August 2008) **\$9,000**
- Summer 2008 **\$1,900**

A \$500 pre-registration deposit will be payable. For apartment residents this will become the apartment damage deposit should the student receive an apartment placement. The \$500 deposit is not refundable unless you do not receive an apartment placement.

(7) Commuter Dining Options

- Thirty (30) entrances per semester **\$425**
with a \$200 declining balance account
- Sixty (60) entrances per semester **\$600**
with a \$200 declining balance account
- One hundred (100) entrances per semester **\$840**
with a \$250 declining balance account
- Sixty (60) entrances per semester **\$800**
with a \$400 declining balance account

(8) Apartment Damage Deposit **\$500**

Payable by all resident students in the semester when they are placed in the apartments. This balance must be maintained as long as a student continues their residency status. Damage charges will be assessed by the director of University Housing based on reports made by apartment residence hall staff and facility services. Refunds will be made after graduation or official withdrawal from Niagara University provided no outstanding debts are due to the University and provided it was not used as a per-registration deposit for the following year.

(9) Room Damage Deposit **\$100**

Payable by all resident students in the semester when they begin living in a residence hall. This balance must be maintained as long as a student continues their residency status. Damage charges will be assessed by the director of university housing based on reports made by residence hall staff and facility services. Refunds will be made after graduation or official withdrawal from Niagara University Housing provided no outstanding debts are due the university.

One-Time Only Fees

- (1) Application Fee **\$30**
 - (2) Full-time registration fee - nonrefundable
- Payable by incoming students at the time of initial registration.
- Fall **\$125**
 - Spring **\$75**
 - (3) Residence Hall Network Hardware and Installation Fee **Varies**

Semester Fees

(1) Student service fee per semester \$450

Required of all students registered for 12 semester hours or more. Includes the use of the library, athletic and intramural facilities and programs, health services, recreation center, student government, programming board, and university publications.

Other Fees

(1) Testing and examination fee (all nonrefundable): \$120

Minimum challenge examination fee per course challenged. Additional fee of \$30 for each semester hour of credit beyond three. Audited courses may not be challenged.

(2) Course fees

See individual course descriptions for any additional charges.

(3) Study-abroad fee \$129

Niagara University Life Experience Program (NULIFE)

(1) Life experience evaluation fee \$60

(2) Minimum challenge examination fee \$120 per course challenged.

Additional fee of \$30 for each semester hour of credit beyond three. Audited courses may not be challenged.

(3) Life experience credit fee per semester hour \$30

Senior High School Program

(1) Credit hour Tuition \$60

High school seniors may register for no more than two courses per semester.

Nursing Completion program

(1) Credit hour Tuition \$355

To receive this rate the student must be matriculated into the College of Nursing Completion program

Transcript Fee (per copy) \$5

Penalty Fees

(1) Returned check fee \$25

(2) Late registration fee - nonrefundable varies

A fee imposed on all students who register after the end of the drop/add period. Penalty \$50 per course up to a maximum of \$200 per semester.

Registration will not be permitted after October 1 for the fall semester and February 15 for the spring semester.

Parking Permit Fees – nonrefundable

(1) Resident students (Fall and Spring) \$80

Resident students (Fall or Spring) \$50

(2) Commuter students (Fall and Spring) \$65

Commuter students (Fall or Spring) \$45

(3) Summer school students \$30

(4) Additional Vehicle, Replacement Decal \$10

For fees applicable to other student categories and parking rules and regulations, see the parking manual available from the director of security.

Hall Council Fee – nonrefundable \$15

All resident students.

Suggestions for Estimating a College Budget

While actual total expenses may vary with fees and the number of semester hours in which a student is enrolled, a typical schedule of basic annual costs is as follows (2007-08 costs):

Tuition	\$ 21,400
Fees	900
Room and Board	9,930
Total	\$ 31,600

In addition to the charges listed for tuition, fees, room and board, the financial aid office estimates the following expenses per year:

All Students

Books and supplies \$900

Resident

Personal, incidental, and recreational expenses, including local transportation \$1,450

Off-Campus Resident

Room and Board - Average costs for rent, utilities, food, for 2-3 students sharing an apartment \$7,450

Personal, incidental, and recreational expenses, including local transportation \$3,300

Commuter

Transportation and personal expenses \$2,000

Official Withdrawal/Refund Policies

Financial liability:

When a student registers it is understood that he or she will pay in full all charges assumed at registration. Failure to attend classes does not alter the charges or entitle the student to a refund. You will not be permitted to receive their final official transcripts or diploma unless your student account is satisfied in full. In the event that Niagara University has to hire a collection company or attorney to collect delinquent accounts, the student must reimburse Niagara University for reasonable collection fees, or attorney fees and court costs.

Official Withdrawal from the University (Tuition and Fees):

To remain in good standing with the university, all full-time undergraduates seeking to discontinue attendance must officially withdraw in accordance with the following procedure:

- (1) The student reports to the academic adviser's office to begin completion of the required withdrawal form.
- (2) The student completes an exit survey at the records office.
- (3) Students residing in on-campus housing, those receiving financial aid to include ESL (Emergency Student Loan) funding, and/or those enrolled through ROTC (Army Reserve Officers' Training Corps.) or NUOP (Niagara University Opportunity Program) must have the respective offices sign off on the withdrawal form.

Part-time undergraduate and all graduate students must report to their Dean's office to officially withdraw.

Those students unable to withdraw in person must inform their Dean's office in writing.

Upon completion of the withdrawal process outlined above, the refund of tuition and fees will be based on the number of weeks remaining in the semester at the date of official withdrawal. No refund will be granted after 60% of the enrollment has passed (nine weeks). The following table will be used to determine refunds:

If the student officially withdraws during:

Calendar week of	Refund %
The week classes begin	100%
First full week of classes	95%
Second full week of classes	90%
Third full week of classes	80%
Fourth full week of classes	75%
Fifth full week of classes	70%
Sixth full week of classes	60%
Seventh full week of classes	60%
Eighth full week of classes	50%
Ninth full week of classes	40%
After ninth week of classes	0%

Official Withdrawal from University Housing (Room and Board):

Resident students must officially withdraw from University Housing to receive any refund of room and board charges. A \$200 Administrative Fee will be charged to resident students withdrawing from housing the week classes begin. No refund will be granted after 60 percent of the enrollment period has passed (nine weeks). Refunds are calculated based on the official date of withdrawal from housing as determined by the Office of University Housing and the above table. If the amount of board plan used to the date of withdrawal is greater than the pro-rated charged, then student is liable for the uncharged portion for meals used or Gallagher Gold dollars spent.

Schedule /Course Revision/ Refunds Policies

The course revision policy (below), in general, applies to part-students (enrolled in less than 12 semester hours). If a student should decide to withdraw from a course after the drop/add period and add another course, he/she will be refunded for the course dropped according to the schedule below and will be charged the full hourly tuition rate for the course added. Full-time students who are making course changes and remain full time receive no adjustments to tuition. Adjustments are made if the student drops to a part-time status or drops overload classes according to the schedule below. A student dropping all classes is considered a withdrawal. Refer to the withdrawal procedures in the previous section. The refund schedule for the summer semester is contained in the summer catalog.

Schedule/Course Revision	Refund %
During drop/add	100 percent
First week after drop/add period	90 percent
Second week after drop/add period	80 percent
Third week after drop/add period	60 percent
Fourth week after drop/add period	40 percent
Fifth week after drop/add period	20 percent
Sixth week after drop/add period	0 percent

Deposit Refunds: Returning students pay a \$200 deposit before May 1 to reserve accommodations for the fall semester. Should extenuating circumstances prevent a student's return to Niagara University, this fee will be refunded provided the Office of University Housing is notified in writing and complete withdrawal from the university occurs before June 1. Deposits made by first-time students for tuition, room and board are nonrefundable.

Committee on Refunds: An appeal for refund of tuition, room and board may be made to the committee on refunds provided that continued attendance and/or residence by the student is made impossible by reasons of serious illness (supported by a doctor's certificate) or by changes in conditions of the student's employment (supported by the employer's certificate) or other emergencies which, in the opinion of the committee, is clearly beyond the control of the student. An application for refund may be filed in person or by mail in the records office and must be made in writing on the form provided for that purpose. If the student is prevented by illness or distance from obtaining the regular form of such application, he/she should address a letter to the records office indicating the courses to be dropped and carefully explaining his/her reasons, together with supporting certifications. (See section on withdrawal from university for proper procedures.)

Financial Aid Refund Policy

If a refund is due a student under the Niagara University refund policy and the student has received any financial aid other than Federal Work Study, part of the refund must be returned to the sponsoring aid programs. The amount of refund is determined by the student accounts office in accordance with the preceding Niagara University refund policy listed in this catalog. Policies for returning a portion of that refund to sponsoring aid programs are as follows:

Niagara University Grants and Scholarships and Private Grants and Scholarships: The student's account will be credited with a prorated grant/scholarship. The percentage used in proration will be the same as the percentage of revised tuition liability; i.e., a student eligible for a refund equivalent to 60 percent of tuition charges has incurred a 40 percent liability. The student's account will be credited with 40 percent of the semester grant/scholarship award.

Federal Programs (Title IV): regulations require each educational institution to have a written policy for the refund and repayment of federal aid received by students who officially

withdraw during a term for which payment has been received. These policies are effective only if a student completely terminates enrollment or stops attending classes before completing more than 60 percent of the enrollment period.

Federal aid is earned in a prorated manner on a per diem basis based on the academic calendar up to the 60 percent point in the semester. Federal aid and all other aid is viewed as 100 percent earned after that point in time. A copy of the worksheet used for this calculation can be requested from the Office of Student Accounts. After the dollar amount to be refunded to the federal programs has been determined, the refund is applied to the accounts in the following sequence: Unsubsidized Federal Stafford Student Loan, Subsidized Federal Stafford Student Loan, Federal Perkins Loan and Federal Nursing Loan, Federal PLUS Loan, Federal Pell Grant, ACG (Academic Competitiveness Grant), SMART and Federal Supplemental Education Opportunity Grant (FSEOG).

An official withdrawal is required, and a student's failure to complete the appropriate forms as outlined in the chapter on general academic information may result in a smaller refund.

The official withdrawal date is determined using the following criteria:

- Date student began Niagara's withdrawal process or date student otherwise provided official notice
- If student did not notify school, midpoint in period
- Date related to circumstance beyond student's control
- Student's last attendance at a documented, academically related activity

Examples of academically related activities:

- Attending class
- Taking an exam
- Completing a tutorial
- Turning in an assignment
- Academic counseling or advisement

Federal Program Repayment Policy: The amount of Title IV aid that a student must repay is determined via the Federal Formula for Return of Title IV funds as specified in Section 484B of the Higher Education Act. This law also specifies the order of the return of the Title IV funds to the programs from which they were awarded which is listed above.

A repayment may be required when cash has been disbursed to a student from financial aid funds in excess of the amount of aid a student earned during the term. The amount of Title IV aid is earned by multiplying the total Title IV aid (excluding Federal Work Study) for which the student qualified by the percentage of time during the term that the student was enrolled.

If less aid was paid than earned, the student may receive a late disbursement for the difference. If more aid was disbursed than was earned, the amount of Title IV aid that must be returned is determined by subtracting the amount earned from the amount actually disbursed.

The responsibility for returning unearned aid is allocated between the university and the student according to the portion of disbursed aid that could have been used to cover university charges and the portion that could have been disbursed directly to the student once university charges were covered. Niagara University will distribute the unearned portion of the disbursed aid that could have been used to cover university charges and the portion that could have been disbursed directly to the student once university charges were covered. Niagara University will distribute the unearned aid back to the Title IV programs as specified by law. The student will be billed for the amount the student owes to the Title IV programs and any amount due to the university resulting from the return of Title IV funds used to cover university charges.

State Scholarships: Refunding proration is done according to specific regulations of the sponsoring state. Copies of common refund examples are available in the financial aid office.

Payments

The board of trustees of Niagara University reserves the right to alter the schedule of fees.

All fees are payable each session in advance or by an authorized payment plan. Information regarding a payment plan is available in the student accounts and financial aid offices. Payments can be made by cash, check, money order, Visa, MasterCard or Discover. All amounts due are payable in U.S. funds. The Level Tuition Plan is offered to incoming freshmen and offers a constant tuition rate for four consecutive years. Details are made available through the admissions office. The above mentioned payment plans are available to Level Tuition Plan participants. Full payment must be made for any damage to university property. The cost of repairing any damage to students' rooms or common areas will be charged to the students' accounts at the time the damage occurs. These charges will be deducted from the damage deposit after the final semester in residence. When charges for damages exceed the deposit, the students' accounts will be charged and each student billed.

Failure on the part of any student to settle his/her account could prevent him/her from attending classes; residing in campus residence halls; making schedule changes; taking final examinations; or receiving academic credit, professional certificates, transcripts of record, recommendations, or any degree. Any known financial awards appear as deductions from the amount due. TAP awards will appear on statements as the monies are received from New York State. However, if you are in receipt of an award certificate from New York at the time the payment is due you may deduct the appropriate semester amount when making remittance to Niagara University. Estimated financial aid will appear as a deferment, but are estimates only. Students are responsible for the payment of variances due to a reduction in actual awards.

Financing an Education



Niagara University believes it offers an education which provides students with the opportunity to grow intellectually, socially, and morally. While the costs at independent colleges are higher than at state-supported schools, Niagara has attempted to control costs as much as possible while still offering a stimulating academic and social environment.

Niagara has made every effort to assist students to attend by offering many types of financial aid programs. The following pages provide information on the many programs available and the procedure to follow in submitting applications.

Federal legislation requires that institutions make certain financial consumer information available to students. Information on the following topics can be obtained by contacting:

Maureen E. Salfi
Niagara University
Niagara University, NY 14109
Telephone: (716) 286-8686

Topics: How student aid is distributed among students at NU; the criteria used by NU to determine satisfactory academic progress; the rights and responsibilities of students receiving financial aid; the means by which financial aid will be disbursed and the frequency of disbursements; the terms and schedules for repayment of student loans; the terms and conditions of campus employment; the academic programs available at NU and the faculty and facilities available for those programs; data regarding retention of students at NU; number or percentage of students completing each program; documents used for accreditation; information and services for students with disabilities.

Niagara University endorses the principles pertaining to the administration of financial aid developed and distributed by the College Scholarship Service Assembly on behalf of its members.

General Information

To apply for student aid, a student must:

(1) Apply for admission. An application for admission may be obtained from your guidance counselor or from the director of admissions, Niagara University, New York 14109.

(2) Be accepted by the committee on admissions as a matriculated (regular) student working toward a degree or certificate in an eligible program. Criteria for acceptance are described in the admissions policy section of this catalog.

(3) File a Free Application for Federal Student Aid (FAFSA), by February 15 for incoming students, March 15 for returning students. This form is available in the financial aid office, or on the Internet at www.fafsa.ed.gov.

(4) Be a U.S. citizen or eligible U.S. noncitizen (federal definition) and be enrolled at least half time to receive most financial aid, including NU grants and scholarships.

(5) Most financial aid is awarded on the basis of financial need. Need is determined through the information provided on the FAFSA. The FAFSA considers the relative financial strength of the family and arrives at an expected family contribution (EFC). This expected family contribution is subtracted from the cost of attending Niagara University. The amount that remains is called "financial need."

(6) The sum of all financial aid received may not exceed cost of attendance.

Note: A statement of policy on financial aid eligibility for students interested in studying abroad can be found in the study-abroad section of this catalog.

The financial aid policy committee will function as an appeals committee should students wish review of their financial aid package beyond the level of the financial aid office.

Institutional Programs

All Niagara University scholarships and grants are first applied toward payment of tuition and fees. Scholarship levels are determined at time of initial enrollment and are not upgradable.

A student may be awarded only one academic/merit-based scholarship from Niagara University.

Students in the RN Completion Program and the Ontario Teacher Education Bachelor Degree Program are not eligible for NU academic/merit-based scholarships/

Students receiving full tuition remission from any program are not eligible for Niagara University academic/merit-based scholarships.

NU academic/merit-based scholarships cannot be combined with NU employee tuition remission benefits.

Niagara University academic/merit-based scholarship amounts are prorated should you enroll less than full time, but at least half time (six credits per semester). No institutional grant/scholarship is available for less than half-time attendance.

Students who enroll in study-abroad or off-campus programs will have the amount of their Niagara University scholarship, grant or tuition remission limited to the difference between Niagara University charges and the direct cash payment by Niagara University to the study-abroad or off-campus program.

Terms and conditions of academic/merit-based scholarships may vary from one entering class to the next. Students should consult scholarship information provided by the financial aid office with initial scholarship award.

Students with room waivers may apply 50 percent of the applicable room waiver (double room rate) toward NU apartment housing. There is no board allowance.

In determining eligibility for academic/merit-based scholarships, the SAT score used is the critical reading and math score.

Niagara University Honors Scholarship

Application Procedures: Application for admission must be on file, preferably before December 8 of senior year in high school. The scholarship committee is responsible for determining selection of recipients for these awards.

Selection of Recipients and Allocation of Awards: A selected number of full-time, incoming freshmen who meet the following criteria will be considered: Must possess a high school average of 97 or better and either a cumulative score of 1280 on the critical reading and math SAT score or a composite score of 29 on the ACT.

Award Schedule: Awards are full tuition per year, less New York state TAP, if eligible, and are renewed for each year of undergraduate study until completion of bachelor's degree or four years, whichever comes first.

Rights and Responsibilities of Recipients: Students must accept invitation to NU Honors Program. For renewal, students must remain continuously enrolled full time in the honors program and maintain a cumulative quality point average of 3.25.

Niagara Trustees Scholarship

Application Procedures: Application for admission to Niagara University must be on file. The financial aid office is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be full-time, incoming freshmen. Eligibility is based on a sliding scale combining high school average and standardized test results (SAT or ACT). Students who qualify for this scholarship have high school records similar to the following: 95 percent average with an 1150 SAT (26 ACT); or 91 percent average, 1210 SAT (27 ACT).

Award Schedule: Awards are \$11,500 per year based on full-time attendance. Awards are renewable up to three years of undergraduate study.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and a cumulative QPA of 3.0.

Niagara University Presidential Scholarship

Application Procedures: Application for admission to Niagara University must be on file. The financial aid office is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be incoming freshmen. Eligibility is based on a sliding scale combining high school average and standardized test results (SAT or ACT). Students who qualify for this scholarship have high school records similar to the following: 90 percent average with a 1050 SAT (23 ACT); or 85 percent average, 1120 SAT (24 ACT).

Award Schedule: Awards are \$10,000 per year based on full-time attendance. Awards are renewable up to three years of undergraduate study.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and a cumulative QPA of 2.75.

Niagara University Achievement Award

Application Procedures: Application for admission to Niagara University must be on file. The financial aid office is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be entering freshmen. Eligibility is based on a sliding scale combining high school average and standardized test results (SAT or ACT). Typically students' high school averages range in the mid- to upper-80s with SAT totals ranging between 950 and 1050 or ACT composites between 20-22.

Award Schedule: Awards are \$8,500 per year based on full-time attendance. Awards are renewable up to three years of undergraduate study.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and satisfactory academic progress.

Niagara University Grant

Application Procedures: Application for admission to Niagara University must be on file. The financial aid office is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be entering freshmen. Eligibility is based on a sliding scale combining high school average and standardized test results (SAT or ACT). Typically these grants are awarded to students with averages in the mid-80s and SAT totals above 950 or ACT composites above 20.

Award Schedule: Awards are \$5,500 per year based on full-time attendance. Awards are renewable up to three years of undergraduate study.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and satisfactory academic progress.



Niagara University Transfer Scholarship

Application Procedures: Application is made through the financial aid office at Niagara University, which is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be entering transfer students with a minimum quality point average of 3.0 based on full-time study or equivalent (12 credits) from the transfer institution.

Award Schedule: Awards are \$7,000 per year (3.0-3.3 QPA) or \$8,000 per year (3.4-4.0 QPA) based on full-time attendance. Awards are renewable up to three years of undergraduate study or completion of bachelor's degree, whichever comes first.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and a cumulative quality point average of 2.75.

Niagara University Transfer Award

Application Procedures: Application is made through the financial aid office at Niagara University, which is responsible for determining these awards.

Selection of Recipients and Allocation of Awards: Applicants must be entering transfer students with a minimum quality point average of 2.50-2.99 based on full-time study or equivalent (12 credits) from the transfer institution.

Award Schedule: Awards are \$5,000 per year based on full-time attendance. Awards are renewable up to three years of undergraduate study or completion of bachelor's degree, whichever comes first.

Rights and Responsibilities of Recipients: For renewal, students must maintain continuous enrollment and satisfactory academic progress.

Niagara University Athletic Scholarship

Application Procedure: Application is made through the athletic office at Niagara University, which is responsible for determining eligibility for these awards.

Selection of Recipients and Allocation of Awards: Scholarships are available in the following sports: basketball, soccer, swimming, tennis, cross country, ice hockey – men and women; golf, baseball – men; volleyball, lacrosse, softball – women. Students must demonstrate strong athletic ability and meet qualifications of the athletic department and the NCAA.

Award Schedule: Partial and full scholarships are available, renewable for each year of academic study.

Rights and Responsibilities of Recipients: Students must maintain compliance with NCAA regulations. Students must obtain approval from athletic director before studying abroad or in an off-campus program. The athletic scholarship cannot be used to pay direct expenses for these programs.

Niagara University Economic Grant (NUE)

Application Procedure: Application is made through the financial aid office at Niagara University, which is responsible for determining eligibility for these awards.

Selection of Recipients and Allocation of Awards: The applicant

must (1) be in financial need; and (2) be enrolled at least half time.

Award Schedule: Awards are made for one year and are based on student's financial need and available funding.

Resident Assistant Positions

Application Procedures: During specified times, applications are available from the dean of student affairs office, which is responsible for determining recipients.

Selection of Recipients: Minimum eligibility requirements include: (1) registered, full-time NU student; (2) at least a 2.1 QPA; (3) presently residing or having lived at least one semester in an NU residence hall; (4) at least a second-semester freshman; (5) able to commit to a full academic year; and (6) have no other job while serving in the position.

Award Schedule: Payment is made under the Federal Work Study Program or NU Student Employment Program.

Rights and Responsibilities of Recipients: Students must be available to meet the demands of the assistantship.

Student Emergency Loan Program

An emergency student loan fund has been made available by Niagara University which enables students to borrow amounts up to \$100 on a short-term emergency basis at a nominal service charge.

The office is located in the lower-level Gallagher Center near the financial aid office.

Other Institutional Aid Programs

A number of special purpose institutional programs exist. Most of these programs would be of interest to relatively small numbers of students and prospective students by virtue of need, special interest, or both. Detailed information on these programs may be obtained by directly contacting the financial aid office. The following is a representative listing with a brief description of each program.

Professional Service Award: Awarded to someone who has assisted a student from Niagara University on a contracted basis with an internship.

Religious Reduction: 25 percent tuition discount offered to members of a Roman Catholic religious order.

DeVeaux Scholarships: Awarded to qualified students from the Episcopal Diocese of Western New York.

Employee Grants: Available to qualified undergraduate dependents of Niagara University faculty and staff members, as well as the employees themselves.

Vincentian Tuition Remission: Nieces, nephews, sisters, and brothers of members of the Eastern Province of the Vincentian Community are entitled to a 50 percent reduction in tuition. Vincentian tuition remission plus NU merit-based aid cannot exceed tuition.

NU Theater Scholarship: Partial tuition scholarships awarded by the NU theater department.

Alpha Beta Gamma National Scholarship: Awarded to members with 3.00 cumulative QPA, funded through the Niagara University Transfer Scholarship for transfer students. A student may receive funding from Alpha Beta Gamma or Phi Theta Kappa, but not both.

Phi Theta Kappa: Awarded to members with 3.00 cumulative QPA, funded through the Niagara University Transfer Scholarship for transfer students. A student may receive funding from Alpha Beta Gamma or Phi Theta Kappa, but not both.

Vincentian Study Experience Scholarship: Awarded to students based on community service, academic ability and financial need.

Niagara University Endowed Scholarships and Grants

Application Procedures: Application is made through the Niagara University financial aid office, which is responsible for determining eligibility and award amounts.

Selection of Recipients and Allocation of Awards: The applicant must (1) be enrolled at least half time; (2) demonstrate financial need; and (3) meet specific conditions of the scholarships, if any. Awards vary.

Some endowments are currently not available for award purposes. The scholarships and any restrictions are as follows:

Unrestricted Need Based

Barrett	Lehner
Brennan/Ciciarelli	McKenna
Congregation of the Mission	Moran
Corbett	Muller
Daley	NU Ball
Downes	NU Financial
Fr. Dunne	Rev. Brian O'Connell
Franklin	O'Gorman
Garvey	Msgr. J. Stanly Ormsby
Gross	Basil Ormsby
Gough	Quinquennial
Hille	Rothschild
Kane	Washuta Family
Kavanagh	Wyoming Valley Club

Restricted

Msgr. Richard S. Amico Scholarship: Awarded with preference to graduates of Niagara Catholic High School from St. Joseph's parish, Niagara Falls, N.Y.

Elizabeth R. Berl Memorial Scholarship: Awarded to NU student from Rochester area.

Mark & Deborah Bonner Scholarship: Awarded to a needy, upper class accounting major with at least a 3.00 cumulative GPA.

Kathleen L. Branigan Scholarship (co-sponsored by Exxon Corporation): Awarded to a needy, humanities major.

Burke Family Scholarship: Awarded to Roman Catholic, needy graduates of a Niagara County high school.

Buttimer: Awarded to a parishioner of St. Peter's or St. Paul's, Rome, New York.

James L. and Kathleen B. Byrne Scholarship: Awarded to a Roman Catholic student from Syracuse or Onondaga County, based on academic excellence and financial need.

Gertrude D. Campbell Memorial Scholarship: Awarded to a matriculated student from Western New York.

Carroll: Awarded to a student studying for the priesthood from Lockport, New York.

Armand & Eleanor Castellani Scholarship: Awarded to a full-time transfer student in the College of Business from Western New York with a minimum transfer QPA of 3.00. Renewable.

Colgan: Awarded to a parishioner from St. Mary's Church, Corning, New York.

Jerome P. and Alice C. Corcoran Scholarship: Awarded to a needy sophomore with priority to student majoring in nursing. Renewable based on satisfactory academic progress and financial need.

John T. Crotty Scholarship: Awarded to a needy, incoming freshman in the College of Education with preference to a student who is disabled, if there is one.

Lt. Col. Terry Crowe Memorial Scholarship: Awarded to active member NU Rugby Football Club who displays leadership on and off the pitch (field). Selected by a committee.

Curry Fix: Awarded to a student studying for the priesthood.

Desbecker: Awarded to a student in hotel management.

DeVeaux: Awarded to a student from the Episcopal Diocese of Western New York.

DiChiara Memorial Scholarship: Awarded to a senior business major who is a Niagara County resident with leadership qualities and financial need.

Kathleen A. Doyle BS, RN, Pre-Med Scholarship: Awarded to a student residing in Niagara or Erie counties in the pre-med program upon recommendation of Pre-Med Admissions Committee.

Duggan: Awarded to a student demonstrating athletic interest.

Dr. Lawrence J. Emrich Memorial Scholarship: Awarded to a math major from the Rochester, N.Y. area.

Ruth Feasler Scholarship: Awarded to a theatre studies major.

Friends of NU Theatre Scholarship: Awarded to a theatre studies major.

Brian Garrett Memorial Scholarship: Awarded to a student, preferably from the central N.Y. area – Oneida, Herkimer, Lewis, Madison, Otsego counties – with commitment to health care professions.

Genovese: Awarded to a senior accounting major from the local area with a good average.

Thomas and Madeline Gibbons Scholarship: Awarded to an incoming freshman from a Rochester area high school, chosen by the Rochester alumni group.

Giusto: Awarded to a local resident, junior, majoring in social work.

Hager: Awarded to a student studying for the priesthood.

Hauck Athletic Scholarship: Awarded to a needy student involved in NU athletic program, preference to athletes in hockey program.

John J. Hughes, MD Scholarship: Awarded to an incoming freshman or transfer student based on specified academic requirements.

Peter J. Iannuzzi Scholarship: Awarded to a needy undergraduate preparing for a career in health care.

Joseph Theater Studies Scholarship: Awarded to a theater major from Niagara Falls.

Michael and Amy Kakos Memorial Scholarship: Awarded to a needy, full-time student with at least 3.00 GPA, studying abroad and selected after an interview with the coordinator of the study-abroad program. A pre/post assessment will be required of all recipients.

Father Joseph Keefe: Awarded to student with an athletic interest.

Lackey: Awarded to a Niagara Falls resident, majoring in political science.

Newman and Dorothy Clancy Ladabouche Scholarship: Awarded to commuting students from nearby communities who have a part- or full-time job during their college attendance.

LaFalce Scholarship Fund: Awarded to theatre majors from Niagara, Erie, Orleans, or Monroe counties, based on need, academic achievement and theatrical ability.

John J. LaFalce Scholarship: Awarded to a freshman minority, from 32nd Congressional District, based on need and academic excellence.

Arthur Lindenbaum and Thomas Morton Scholarship: Awarded to a junior science major with demonstrated academic achievement. Renewable.

Peter M. Lindsay Scholarship: Awarded to the “average” student with financial need selected by the executive vice president. The scholarship is renewable.

Joseph A. Mariglio Memorial Scholarship: Awarded to a full-time student in good academic standing, needy, with priority to the child of a worker in the skilled trades or construction industry.

Thomas P. McGourty Sr. and Helen M. McGourty Memorial Scholarship: Awarded to a needy, full-time freshman with a minimum 85 high school average, record of leadership in service, priority to College of Education major.

Miceli: Awarded to a student of Italian descent with a good average.

Merrill: Awarded to a student who is of the Roman Catholic faith.

Milly: Awarded to a student from Elizabeth Seton High School in Bladensburg, MD. One recipient for four years.

B. Tierney Mitchell '73 Memorial Scholarship: Awarded to a needy senior, top 1/3 of class, major in Business or Natural Sciences who has commitment to community service.

Dr. Rita N. Moretti Scholarship: Awarded to upper class student or full time graduate student in College of Education (Elementary Education). Selected by College of Education Award Committee.

Morton: Awarded to a biology major.

Murphy: Awarded to a student with athletic interest.

Timothy and Hannah Reardon Murphy Family: Awarded to a needy, academically well-qualified student, with preference to students residing in Springfield, Mass., area.

Niagara Educational Foundation: Awarded to graduates of Niagara County Community College.

Niagara Shares: Awarded to a resident of Niagara or Erie County, upperclass, good average, lifestyle in keeping with Vincentian tradition.

Occidental Women's League Scholarship: Awarded to a female, upperclass, nontraditional student with a minimum QPA of 2.5, majoring in science or business.

Helen K. & Everett W. Ockerman Scholarship: Awarded to student(s) enrolled in the College of Business Administration.

Richard M. O'Dea Scholarship: Awarded to a senior in good academic standing with a record of significant voluntary service to the university and the community.

O'Donnell Scholarship: Awarded to a junior education major with a minimum QPA of 3.0.

O'Malley Family Scholarship: Awarded to a baptized Roman Catholic.

Palisano Endowment Educational Fund: Awarded to a needy student in the College of Arts & Sciences, with preference to a foreign language major.

Lloyd Paterson Memorial Scholarship: Awarded to a freshman, financially in need, political science major from Niagara County.

Patrick R. Penafeather Memorial Scholarship: Awarded to a freshman student from the Auburn or Syracuse area, demonstrating academic achievement and financial need.

Mario Perillo Memorial Scholarship: Awarded to student enrolled in Lake Como Exchange Program based on academic merit and need, selected by Dean of College of Hospitality and Tourism Management.

Peter J. and Mary Pinzotti: Awarded to a Niagara or Erie County resident, upperclass commerce major, with good average.

Murphy J. and Marjorie Pitaressi Memorial Scholarship: Awarded to a needy student with preference to a major in the College of Education from Niagara Co. with record of volunteer service.

David T. Potter Memorial Scholarship: Awarded to a needy business major, one recipient for four years.

Raymond P. Ranft Memorial Scholarship: Awarded to a student in biology, chemistry, mathematics or physics based on academic merit.

Chantal Avin Rosen Scholarship: preference to a student of Haitian descent making satisfactory academic progress.

Seep: Awarded to a student studying for the priesthood from St. Joseph's Academy in Titusville, PA.

Sts. Cyril and Methodius: Awarded to a student studying for the priesthood.

Sahlen Athletic Women's Soccer Scholarship: Awarded to an incoming freshman on women's soccer team selected by committee. Renewable.

Sanderson/Glasser Scholarship: Awarded to a resident of Western New York, ranking in top 10 percent, SATs over 1200, planning to enter field of medicine or business.

Sertoma: Awarded to an upperclassman criminal justice/political science major from Niagara County with good average.

Oscar F. Steinwachs '39 Scholarship: Awarded to students in the College of Business with preference to students who demonstrate financial need.

John L. Sullivan Memorial Scholarship: Awarded to students from Chenango County, N.Y.

Stanley P. Szymanski Scholarship: Awarded to a needy student of Polish heritage.

The J.T.'42 Scholarship: Awarded to a needy, upper class education major.

Tronolone: Awarded to freshman student from St. Joseph's Parish, Niagara Falls, N.Y.

Trotta Family Scholarship: Awarded to an incoming student from Maryland or Pennsylvania, based on need and priority to a student majoring or minoring in religious studies. The scholarship is renewable.

Steven A Wandtke Memorial Scholarship: Awarded to incoming freshman or transfer student based on financial need and record of voluntary community service, with preference to students in the College of Business.

Richard J. Waterbury Scholarship: Awarded to a needy student with high academic achievement with priority to a minority student pursuing a degree in chemistry, physics and earth science. Renewable. First preference to eligible graduates of Blessed Sacrament-St. Gabriel High School in New Rochelle, N.Y.

Joseph C. and Kathryn Q. Weber Memorial Scholarship: Awarded to a commuter, business major, resident of Niagara Falls area.

Mary Williams Scholarship: Awarded to a recipient selected by Kimmins Corp.

Wright & Sheedy Families Memorial Scholarship: Awarded to a needy student from greater Syracuse area.

Other University-Administered Private Scholarships or Grants

There are several grants which are of interest to a relatively small number of students due to the special conditions attached to the funds. These grants and their restrictions are as follows:

Palisano: Awarded to needy, undergraduate students.

Statler Foundation Scholarship: Awarded to students enrolled in The College of Hospitality and Tourism Management who meet foundation's criteria.

Federal Programs

In order to receive federal financial aid, students must have a high school diploma or a General Education Development (GED) Certificate, and must not owe any refunds on Federal Pell Grant or other awards paid, or be in default on repayment of any student loan. All federal programs require the recipient to be enrolled as a regular student working toward a degree or certificate in an eligible program at the university, a U.S. citizen or eligible noncitizen, registered with the selective service if applicable, and not be convicted for the sale or possession of drugs. Students must make satisfactory academic progress to maintain eligibility for federal aid. Students on NU's warning and probation status are eligible for federal and institutional aid. The maximum allowable period of time to receive financial aid is 12 semesters.

Before receiving payment, the students must sign a Statement of Educational Purpose and a Certification Statement on Overpayment and Default (both found on the FAFSA). Students enrolled in a program of study abroad

approved for credit by Niagara University may be considered enrolled at Niagara University for purposes of applying for federal student aid. Students must have a valid Social Security number.

All federal programs are contingent upon actual congressional appropriation. Students apply for the federal aid programs by submitting the Free Application for Federal Student Aid. Although the FAFSA can be completed using the paper form, it is recommended that you file electronically at www.fafsa.ed.gov. To electronically sign the FAFSA, parents and students can apply for a PIN at www.pin.ed.gov. Information about federal student aid is available at www.federalstudentaid.ed.gov

Federal Pell Grants

Application Procedures: The FAFSA is available through the financial aid office at Niagara University or on the Internet at www.fafsa.ed.gov. Students must apply annually.

A multicopy student aid report (SAR) will be sent to the applicant. Based on the expected family contribution (EFC), the applicant's award will be determined using the federal payment schedules. The amount of the award is credited to the student's account.

Method of Selection of Recipients and Allocation of Awards: The applicant must be enrolled as an undergraduate student who has not earned a bachelor's degree.

Eligibility is determined by a formula applied to all applicants. It is established and reviewed annually by the U.S. Congress. The EFC is calculated by this formula. Your SAR contains this number.

Award Schedule: Awards may range up to \$4,310 (2007-2008). The amount of the award will be affected by costs of attendance and full- or part-time enrollment status. NU will recalculate a student's Pell Grant for changes in enrollment status through the fifth week after the drop/add period each semester and through the eighth class of each term of summer enrollment. The Federal Pell Grant is not duplicative of state awards. You can receive only one Pell Grant in an award year.

Federal Academic Competitiveness Grant (ACG)

Application Procedure: The FAFSA is available through the Financial Aid Office at Niagara University or on the internet at www.fafsa.ed.gov. Students must apply annually.

Method of Selection of Recipients and Allocation of Awards: Students must be Federal Pell Grant eligible, US citizens and enrolled full-time. Students also must have completed a rigorous secondary school program of study as defined by the United States Department of Education and be enrolled in at least a two-year academic program acceptable for full credit toward a bachelor's degree or enrolled in a graduate degree program that includes three academic years of undergraduate education. To receive a first year ACG, a student must have graduated from high school after January 1, 2006. To receive

a second year ACG, a student must have graduated from high school after January 1, 2005.

Award Schedule: Up to \$750 for the first year of undergraduate study and up to \$1300 for the second year of undergraduate study to full-time students. Second year students must also have maintained a cumulative GPA of at least 3.00 for the first academic year. The total amount of your EFC and financial aid, including this grant, cannot exceed the cost of attendance. The definition of academic year is based on number of credit hours completed. Refer to the Classification of Matriculated Students in this catalog.

Federal National Science and Mathematics Access to Retain Talent Grant (National SMART Grant)

Application Procedure: The FAFSA is available through the Financial Aid Office at Niagara University or on the internet at www.fafsa.ed.gov. Students must apply annually.

Method of Selection of Recipients and Allocation of Awards: Students must be Federal Pell Grant eligible, US citizens and enrolled full-time as an undergraduate in the third or fourth year academic year of an eligible program. An eligible program is one that leads to a bachelor's degree in an eligible major or a graduate degree program in an eligible major that includes at least three academic years of undergraduate education. Students must be pursuing an eligible major as defined by the US Department of Education in physical, life, or computer sciences, engineering, technology, mathematics or a critical-need foreign language. A list of eligible majors is available in the financial aid office. Students must have at least a 3.00 cumulative GPA.

Award Schedule: Up to \$4000 for each of the third and fourth academic years. The total amount of your EFC and financial aid, including this grant, cannot exceed the cost of attendance. The definition of academic year is based on the number of credit hours completed. Refer to the Classification of Matriculated Students in this catalog.

Federal Supplemental Educational Opportunity Grants (FSEOG)

Application Procedures: The FAFSA is available on the web at www.fafsa.ed.gov or through the Niagara University financial aid office, which is responsible for determining who receives a Federal Supplemental Grant, and the amount.

Selection of Recipients and Allocation of Awards: The applicant must be: (1) in exceptional financial need; and (2) enrolled as an undergraduate student toward a first baccalaureate degree.

Niagara awards supplemental grants to students with the lowest expected family contributions, and with priority given to Pell Grant recipients.

Award Schedule: The awards range from \$100 to \$4,000 per year, depending on level of need and availability of funding Niagara receives from the federal government.

Federal Work-Study Program (FWSP)

Application Procedures: The FAFSA is available on the web at www.fafsa.ed.gov or through the Niagara University financial aid office. Eligibility for FWSP is determined on the basis of financial need. A separate job application is required for placement purposes only.

Selection of Recipients and Allocation of Awards: Niagara University makes employment reasonably available to all eligible students in the institution who are in need of financial aid. In the event that more students are eligible for FWSP than there are funds available, preference is given to students who have great financial need and who must earn a part of their education expenses.

Award Schedule: Niagara University arranges jobs on campus, or off campus, with public or private nonprofit agencies, for 12-15 hours per week. Students may earn \$2,400 to \$3,100 per year and receive a paycheck biweekly. The program encourages community service work and work related to your course of study.

Factors considered by the financial aid office in determining whether, and for how many hours, the recipient may work under this program are: financial need, class schedule, and academic progress.

Level of salary must be at least the federal minimum wage; maximum wage is dependent on the nature of the job and applicant qualifications.

Rights and Responsibilities of Recipients: Satisfactory performance in the job must be maintained.

Federal Perkins Loans

Application Procedures: The FAFSA is available on the web at www.fafsa.ed.gov or through Niagara University's financial aid office. Specialized information on loan cancellation provisions for borrowers who go into certain fields of teaching, specified military duty, volunteer service, law enforcement, or corrections service are available from Niagara's student accounts office.

Selection of Recipients and Allocation of Awards: Loans are available to students enrolled in approved postsecondary institutions on the basis of exceptional financial need. The amount of the award is based on available funding and the student's need.

Award Schedule: Amounts which may be borrowed are \$4,000 per year toward a bachelor's degree, up to a maximum of \$20,000 for undergraduate study, if you have completed two years of undergraduate work. Awards are credited to the student's account.

Rights and Responsibilities of Recipients: The current interest rate, payable during the repayment period, is 5 percent on the unpaid principal. Repayment begins nine months after graduation or leaving school, and may extend over a period of 10 years. Information on cancellation and deferment options can be obtained from NU's student accounts office. All students must attend both entrance and exit counseling sessions for Federal Perkins Loans.

Federal Stafford Student Loan Program (Subsidized)

Application Procedures: Prospective borrowers begin the application process by filing the Free Application for Federal Student Aid (FAFSA) or renewal FAFSA. After your FAFSA is processed, you will be notified by the financial aid office about your general loan eligibility. A separate Federal Stafford Loan master promissory note (MPN) must also be completed. You will receive further instructions about completion of the Federal Stafford Loan MPN from the financial aid office.

Selection of Recipients and Allocation of Awards: The Federal Stafford Student Loan Program is an entitlement program in which all eligible applicants can obtain a loan. To be eligible for a loan a student must: (1) be a U.S. citizen or eligible noncitizen; (2) be enrolled at least half time as a regular student working toward a degree or certificate in an eligible program; (3) not be in default or owe a refund for any federal Title IV program at any institution; (4) have been determined to be eligible or ineligible for a Federal Pell Grant; (5) if applicable, be registered with the selective service; (6) have a valid Social Security number; and (7) demonstrate financial need.

A federal loan origination default fee up to 2.5 percent of the amount of the loan may be deducted from the amount disbursed depending upon your lender/guarantor.

For the school year beginning in the fall, funds may not be disbursed earlier than 10 days prior to the beginning of the term. First-time borrowers may not receive first payment until 30 days after the semester begins. Two semester loans will be disbursed separately for each semester.

Loan Schedule: If you're a dependent undergraduate student you can borrow up to:

- \$3,500, if you're a first-year student enrolled in a program of study that is a full academic year.
- \$4,500, if you've completed your first year of study, and the remainder of your program is a full academic year.
- \$5,500 a year, if you've completed two years of study, and the remainder of your program is at least one academic year.

The aggregate loan limit for a dependent undergraduate student is \$23,000.

If you're an independent undergraduate, or a dependent student whose parents are unable to get a Federal PLUS loan, you can borrow up to:

- \$7,500, if you're a first-year student enrolled in a program of study that is a full academic year. (At least \$4,000 of this amount must be in unsubsidized Stafford Loans.)
- \$8,500, if you've completed your first year of study, and the remainder of your program is a full academic year. (At least \$4,000 of this amount must be in unsubsidized Stafford Loans.)
- \$10,500 a year, if you've completed two years of study, and the remainder of your program is at least one academic year. (At least \$5,000 of this amount must be in unsubsidized Stafford Loans.)

The aggregate loan limit for an independent undergraduate student is \$23,000 subsidized and \$23,000 unsubsidized.

* Reminder: You can't borrow more than the cost of education at your school minus any other financial aid you receive. This means you may receive less than the annual maximum amounts listed.

Responsibilities of Borrowers: The interest rate is fixed at 6.8% for loans disbursed after July 1, 2006. If you have a subsidized Federal Stafford Loan, the federal government pays the interest on the loan while you're in school or in deferment. After you graduate, leave school, or drop below half time, you have six months before you have to begin repayment. This is called a grace period if you have a subsidized Stafford Loan. Within 120 days after you leave school, the organization holding your loan must notify you of the date repayment begins. However, you are responsible for beginning repayment on time, regardless of this notice. The amount of each payment depends on the size of your debt and on the length of your repayment period. Usually, you'll pay at least \$50 a month. You have four repayment options: standard, graduated, income sensitive, and extended repayment plans.

There are several deferment options available. For complete information, contact your lender. Deferments can be granted for half-time study at a postsecondary school, if unable to find full-time employment, for economic hardship, and for service under the Peace Corps Act, Domestic Volunteer Service Act of 1975 or comparable service as a volunteer for a tax-exempt organization of demonstrated effectiveness in the field of community service.

There are also some cancellation conditions for total and permanent disability, death of the borrower, and if funding available, for teaching in designated schools serving students from low income families. For complete information on cancellation provisions, contact your lender.

Federal Stafford Loan Program (Unsubsidized)

Application Procedures: You must complete the Free Application for Federal Student Aid (FAFSA), and the Federal Stafford Loan master promissory note (MPN).

Selection of Recipients and Allocation of Awards: Eligibility for this loan is not based on financial need. However, unlike the subsidized Federal Stafford Loan, where the federal government pays the interest on the loan while the student is in school at least half time, with the unsubsidized Federal Stafford Loan, the borrower is responsible for paying the interest that accrues while attending school and during deferment periods.

Interest can be deferred while in school, but it will be capitalized (added to the principal balance of the loan) at the start of repayment, which occurs six months after leaving school.

The unsubsidized Stafford Loan can be made in conjunction with a subsidized Stafford Loan as long as the annual or aggregate loan limits for Stafford Loans have not been exceeded. Except as noted above, the unsubsidized Federal Stafford Loan's terms and conditions are the same as the subsidized Federal Stafford Loan Program.

Rights and Responsibilities of Recipients: Students must attend entrance and exit interview counseling for both

subsidized and unsubsidized Federal Stafford loans.

***NB: Students whose parents are denied a Federal PLUS Loan may apply for the unsubsidized Federal Stafford Loan.**

Federal PLUS Loans for Undergraduate Students

This loan is available to parents of dependent undergraduate students. Parents may borrow an amount up to the cost of attendance per student less other aid received. Repayment of principal and interest begins in 60 days, with up to 10 years to repay the loan. The interest rate is fixed at 8.5% for loans disbursed after July 1, 2006.

FPLUS loans are not need based and have no income restrictions. To be eligible, parents shall have no adverse credit history, must meet citizenship requirements and must not be in default or owe a refund to any student financial assistance program.

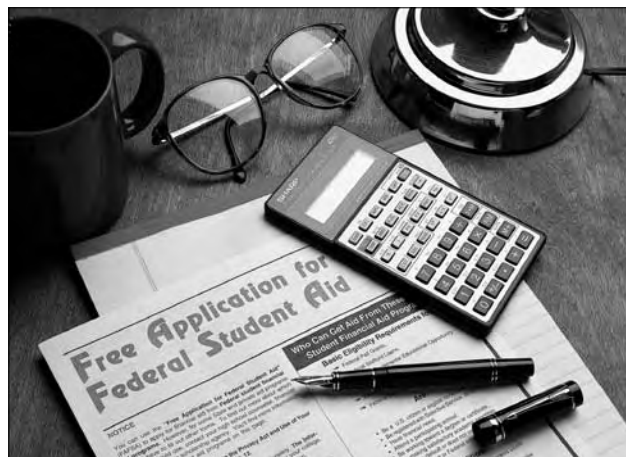
There is an origination/guarantee fee (up to 4 percent) which is deducted from the loan amount. Payment is made through Electronic Fund Transfer (EFT).

Applications are available from your lender (bank, credit union, etc.) and NU's financial aid office. Completed applications must be submitted to the financial aid office at Niagara University. Please allow six to eight weeks for processing.

Federal Student Aid Ombudsman

The Federal Student Aid Ombudsman of the United States Department of Education helps borrowers resolve disputes and solve other problems with federal student loans. The Ombudsman office is where borrowers can turn after trying other ways to resolve a student loan dispute. Contact the Ombudsman by:

Telephone: (877) 557-2575 (toll free)
(202) 377-3800 (toll call)
Fax: (202) 275-0549
Mail: U.S. Department of Education
FSA Ombudsman
830 First Street, N.E.
Washington, DC 20202-5144
Online: www.ombudsman.ed.gov
Email: fsaombudsmanoffice@ed.gov



Army Reserve Officers' Training Corps (ROTC) Scholarships

Application Procedures: Contact the ROTC office on campus at (716) 286-8240 or rotc@niagara.edu

Selection of Recipients and Allocation of Awards: students must meet certain academic and medical standards, be interviewed by military and university officials and be willing to serve as an Army Officer on active or reserve duty after graduation.

Award Schedule: Four and three year full tuition scholarships are awarded to high school seniors selected from an order of merit list. Freshmen and sophomore students can compete for three and two-year on-campus ROTC full tuition scholarships. Scholarship recipients receive full payment of tuition and fees, \$900 annually for text books, plus a monthly stipend of \$250 (freshmen) up to \$500 (seniors) for up to 10 months of the academic year while on scholarship (tax free). Guaranteed Reserve Forces Duty Scholarships (GRFD) are also available to qualified students. These scholarships guarantee that the student will serve in reserve forces and not on active duty. The benefits are the same as the regular ROTC scholarship.

Rights and Responsibilities of Recipients: Must be willing to serve in the Army a total of eight years; with the regular ROTC scholarship, you have the option to serve up to four years on active duty and the remainder in the Inactive Ready Reserve (IRR) or 8 years in the U.S. Army Reserve (USAR) or Army National Guard (ARNG). Entry into active duty after graduation maybe deferred to obtain an advanced degree at the student's or Army's expense for qualified individuals.

Niagara University-Funded Incentives for Recipients of Army ROTC Scholarships

All students receiving a Niagara University incentive for ROTC must file each year the Free Application for Federal Student Aid (FASFA), and if a New York state resident, the TAP application.

All incentives are funded through NU's academic scholarship programs, depending upon which scholarship the student qualifies for upon enrollment. The incentive then serves as the guaranteed scholarship amount. Room and Board scholarships are considered taxable income to the student.

Four-year Full Tuition ROTC Scholarship: Niagara University covers on-campus room and board charges (double room rate). The incentive is funded through NU's scholarship programs and is less any Federal Pell Grant award. Should a student move off campus or assume a resident assistant position, the NU incentive for room and board charges will be terminated. Fifty percent of the applicable room waiver (no board allowance) can be used toward NU apartment housing.

Three-year Full Tuition Advance Designee: Same as four-year ROTC scholarship during years two through four. During freshmen year only, students may qualify for NU's regular scholarship programs.

Three-year and Two-year On-Campus ROTC Scholarships: Same as four-year ROTC scholarship during the years the student receives the ROTC scholarship. If a student is already receiving a scholarship from NU at the time of this award, this incentive serves as the scholarship award during the years the student receives the ROTC scholarship.

Veteran's Administration (VA) Educational Benefits

Application Procedures: Application forms are available at all VA offices, active duty stations, and American embassies or on the web at www.gibill.va.gov. Completed forms are submitted to the nearest VA office.

Selection of Recipients and Allocation of Awards:

Chapter 31 – Disabled Veterans: A veteran of World War II or thereafter who has a service-connected disability which entitles him/her to VA disability compensation and who is in need of vocational rehabilitation because his/her disability creates an employment handicap may be eligible for these benefits.

Vocational rehabilitation may be provided for up to 48 months. An eligible veteran has 12 years from discharge or release from active duty in which to use these benefits.

Chapter 35 – Survivors' and Dependents' Educational Assistance: This program provides educational assistance allowance to qualifying spouses, surviving spouses and children (between 18 and 26 years of age) of certain veterans who died while on active duty or who are totally disabled due to their military service.

Chapter 32 – Veterans and Service Persons – Post-Vietnam-Era Veterans' Educational Assistance Program (VEAP): This is a contributory program for those who entered military service after Dec. 31, 1976. The Department of Defense matches two for one contributions made by the veteran while serving on active duty up to a maximum of \$2,700. These benefits must be used within 10 years and one day of date of discharge. A veteran may request a refund of his/her unused individual contributions.

Chapter 30 – Montgomery GI Bill – Active Duty Education Assistance Program (formerly referred to as the New GI Bill): Eligibility for this program is focused toward the following two categories of individuals:

(1) Those individuals who first become members of the Armed Forces or who first enter on active duty at any time after June 30, 1985. Their military pay will be reduced by \$100 each month for the first 12 months of their active duty service. (The VA will not have a record of these pay reductions.)

(2) Those individuals who were eligible to receive Chapter 34 benefits on Dec. 31, 1989, who served without a break in active duty service from Oct. 19, 1984, through June 30, 1985, who have served continuously on active duty after June 3, 1985. If these individuals had a break in active duty service after Dec. 31, 1976, they must have returned to active duty by Oct. 19, 1984 to be eligible for Chapter 30 benefits. This provision allows these individuals to receive only Chapter 30 benefits on or after Jan. 1, 1990, because Chapter 34 benefits ceased as of Dec. 31, 1989.

Chapter 1606 - Montgomery GI Bill - Selected Reserve: Eligibility may exist for an individual who, after June 30, 1985, enlists, reenlists, or extends an enlistment in the Selected Reserve; or is appointed as or is serving as a reserve officer.

Chapter 1607 - Reserve Education Assistance Program (REAP): A reservist who has been activated for at least 90 days following 9/11/2001.

To apply for the benefit, students that have not applied for benefits should complete a VA Form 22-1990, Application for Education Benefits. Students that have applied for benefits should complete a VA Form 22-1995, Request for Change of Program or Place of Training. Since there isn't a specific question on the above forms requesting Chapter 1607, the student should print (1607 or REAP) in the upper margin of the form. We need this type of declaration, as the law is very specific regarding the necessity of a Chapter 1607 election before benefits can be awarded. The VA Form 22-1990 and VA form 22-1995 must be sent to the Department of Veterans Affairs with the veteran's original signature. Copies of faxes of the forms **cannot** be accepted.

Addition information regarding Chapter 1607 may be found on the Web site, www.gibill.va.gov.

VA Work-Study Program: Students pursuing at least three-quarter time training under chapters 30, 31, 32, 35 and 1606 may apply for this program. Applications must be filed each semester, and the student must show financial need. Wages are paid at a rate of not less than minimum wage, for a maximum of 425 hours per semester. Additional information and applications are available from the VA certifying official in the financial aid office.

Rights and Responsibilities of Recipients: Educational and vocational counseling will be provided by the VA on request. Recipients must report any changes in enrollment to the VA-certifying official as soon as possible. Institutions are required to report promptly to the VA interrupted attendance or termination of study on the part of students receiving benefits.

Further information regarding veterans benefits is available in the financial aid office, lower level Gallagher Center.

United States Bureau of Indian Affairs Aid to Native Americans

Application Procedures: Application forms may be obtained from and submitted to the Bureau of Indian Affairs/Education, South and Eastern States Agency, MS2559-MIB, 1849 C Street NW, Washington, D.C., 20240, or call (202) 208-3478. An application is necessary for each year of study.

Each first-time applicant must obtain tribal enrollment certification from the enrollment clerk who records enrollment for the tribe.

Selection of Recipients and Allocation of Awards: To be eligible, the applicant must: (1) be enrolled member of an American Indian, Eskimo or Aleut tribe, band or group recognized by the Bureau of Indian Affairs; (2) be enrolled full time as an undergraduate in an approved college or university; (3) be pursuing

at least a two-year degree; and (4) demonstrate financial need.

Award Schedule: Awards are contingent upon funds available and are based on financial need.

Responsibility of Recipients: For grants to be awarded in successive years, the student must make satisfactory progress toward a degree and demonstrate financial need.

Other Federal Student Financial Aid Programs

A large number of special-purpose federal programs exist of a variety of types: direct aid, scholarships, loans, traineeships. Most of these programs would be of interest to relatively small numbers of students and prospective students, by virtue of need, or special interest, or both. Some are available only to graduate or professional students in certain fields. Some carry with them periods of obligated service.

The most authoritative, although certainly not the only, reference for additional information on these, and many other programs, is the Catalog of Federal Domestic Assistance Programs which should be available at most college and public libraries. You may also contact the Federal Student Aid Information Center, P.O. Box 84, Washington, DC 20044-0084, call 1-800-4-FED-AID (1-800-433-3243) or go to www.studentaid.ed.gov/pubs.

New York State Programs*

*Funding and continuation of New York state programs are contingent upon approval of the state budget. Complete and up-to-date information about New York state programs can also be found at www.hesc.org.

Tuition Assistance Program (TAP)

Application Procedures: New York state residents who submit a FAFSA indicating at least one New York state college can apply electronically at the end of the FAFSA process or go to www.hesc.org.

The Higher Education Services Corporation (HESC) determines the applicant's eligibility and the applicant indicating the amount of the grant. Niagara will defer payment on the basis of receipt of the award certificate. Actual payment is received after the school certifies student eligibility.

Selection of Recipients and Allocation of Awards: Tuition Assistance Program is an entitlement program. There is neither a qualifying examination nor a limited number of awards. The applicant must: (1) be a New York state resident and a U.S. citizen or permanent resident alien; (2) be enrolled full time (12 credits) and matriculated in an approved program at a New York state postsecondary institution; (3) meet income eligibility requirements; (4) not be in default on any NYS-guaranteed student loan or state award; and (5) have a valid Social Security number. All income data are subject to verification with the New York State Department of Taxation and Finance.

Undergraduate students may receive TAP awards for eight full-time semesters. Students enrolled in the Niagara University Opportunity Program may receive undergraduate awards for 10 full-time semesters. Students must have at least a C average after receipt of two annual payments (four semesters).

Award Schedule: The amount of the TAP award is scaled according to New York net taxable income. Undergraduate students who are dependent or who are financially independent and married OR have tax dependents: \$80,000 NET taxable income or less. Single independent with no dependents: \$10,000 NET taxable income or less. Income is adjusted for other family members in full-time college attendance. Based on current schedules, awards for first-time recipients range from \$500 - \$5,000 for dependent or independent undergraduates with dependents. Single independent students' (no dependents) awards range from \$500 - \$3,025 per year. TAP awards are reduced by \$100 per year for students who have received four or more payments. TAP award amounts are dependent upon action in each year's New York state budget.

Rights and Responsibilities of Recipients: Students must maintain normal satisfactory academic progress as well as be monitored for pursuit of program as follows. During the first year that TAP is received, students must complete (all grades except W) six credit hours per semester; the second year, nine credit hours per semester; subsequent years, 12 credit hours per semester. Failure to pursue their program at the above rate will result in a loss of TAP for the following semester.

Students not making satisfactory academic progress, but who have been reinstated through the appeals process, are not eligible to receive TAP payments. Also, students not achieving a C average after four TAP payments lose TAP eligibility.

New York Part-Time TAP

Application Procedure: Applicants must file the Free Application for Federal Student Aid (FAFSA) and must also complete the TAP application. File both electronically at www.fafsa.ed.gov or contact the Financial Aid Office for a paper FAFSA.

This program is available beginning in 2007-08 for students who have completed requirements as first-time freshmen in 2006-07 and meet the following criteria.

Selection of Recipients and Allocation of Awards: Students taking 6 to 11 credits who in the previous academic year have earned two consecutive semesters of 12 credits each (24 credits total) and have maintained a "C" average (2.00 GPA). Students must be a legal resident of New York State, a US citizen or eligible non-citizen, matriculated in an approved undergraduate degree program, not be in default on a student loan guaranteed by HESC and not be in any repayment of state awards, meet income eligibility limitations, and not have exhausted Tuition Assistance Program (TAP) eligibility.

Award Schedule: Awards are based on New York State net taxable income and are prorated based on the current TAP schedule and number of credit hours taken. A Part-Time TAP award cannot exceed tuition charges.

Rights and Responsibilities of Recipients: Students must maintain good academic standing.

Satisfactory Academic Progress Chart for TAP

This chart is used for New York state student financial aid purposes.

Calendar: Semester Program: Baccalaureate Program

Before Being Certified for This Payment	1	2	3	4	5	6	7	8	9	10
A Student must have Accrued at Least This Many Credits	0	3	9	21	33	45	60	75	90	105
With At Least This Grade Point Average	0	1.1	1.2	1.3	2.0	2.0	2.0	2.0	2.0	2.0

TAP Waiver

New York State regulations permit students to receive a one-time waiver of the good academic standing requirement as an undergraduate student if there are extenuating circumstances. To receive such a waiver, the student should be able to prove one of the following:

- (1) Illness or death in the student's family;
- (2) Serious illness of the student; or
- (3) Academic hardship.

In addition to the one-time good academic standing waiver, a student may apply for a waiver of the C average requirement for TAP based on the death of a student's relative; the student's personal illness or injury; or other extenuating circumstance. This must be documented and relate to circumstances that have affected the student's ability to achieve a cumulative C average as of the end of a particular semester. The C average waiver is separate from the one-time good academic standing waiver and may be granted more than once if circumstances warrant.

Applications for TAP waivers are available from the chair of the satisfactory academic progress committee in the Office of Academic Support, Seton Hall. The application must contain supporting documentation and the waiver is not automatic. The waiver must be approved by the chair and the Director of Financial Aid.

New York Scholarships for Academic Excellence

Application Procedures: Contact the high school guidance office. If you receive a scholarship, you must complete a FAFSA and a preprinted Express TAP Application which will be sent to you by New York State Higher Education Services Corporation.

Selection of Recipients and Allocation of Awards: Recipients must be U.S. citizens or eligible noncitizens and also New York state residents enrolled (matriculated) for 12 credits or more in an approved program. Recipients cannot be in default on any New York state guaranteed student loan and must attend a New York state college. Awards are based on academic excellence, measured by the weighted average of students' scores on Regents exams taken prior to the senior year. Awards will be based on criteria developed by the commissioner of education for schools not offering the

Regents exams in all five subject areas.

Award Schedule: Awards are \$1,500 to the top graduating senior of each high school in the state; \$500 to other academically gifted students for up to four years, or up to five years in certain programs. Scholarship must be used within seven years.

New York Lottery Leaders of Tomorrow Scholarship

Application Procedures: Contact your high school guidance office.

Selection of Recipients and Allocation of Awards: Recipients must be U.S. citizens and graduates of a New York state high school; have maintained a B average for seven semesters of high school; demonstrate leadership skills and document experience in extracurricular and community activities; attend a New York state college full time and maintain a B average; and not have cost of attendance paid from another source.

Award Schedule: Awards are \$4,000, payable in increments of \$1,000 per year. Recipients must complete studies within a five-year period of graduation.

Aid for Part-Time Study (APTS)

Application Procedures: Applicants must annually file an APTS application, available in the financial aid office. A FAFSA must also be filed to determine any eligibility for the Federal Pell Grant program.

Selection of Recipients and Allocation of Awards: Recipients must be New York state residents; have a high school diploma or GED; have a net taxable income of less than \$50,550 for dependent students, \$34,250 for independent students; enroll for at least three but not more than 11 credit hours; be matriculated in an approved undergraduate degree or certificate program; have not exhausted eligibility under the TAP program; and retain good academic standing including having achieved at least a cumulative C average after having received the equivalent of two full years of state-sponsored financial aid.

Award Schedule: APTS is awarded on the basis of allocation received by New York state, with priority given to students demonstrating financial need. Awards may be given in amounts of up to \$2,000 per year, or tuition, whichever is less.

Rights and Responsibilities of Recipients: Applicants must retain good academic standing in order to continue to be eligible for an award, and must not be in default on any government guaranteed student loan. In each term an award is received, recipient must achieve a cumulative passing average.

State Aid to Native Americans

Application Procedures: Application forms may be obtained from the Native American Education Unit, New York State Education Department, Education Building Annex, Room 465, Albany, NY 12234 or by calling (518) 474-0537. The completed application form should be forwarded by the applicant to the Native American Education Unit along with all documentation requested.

Selection of Recipients and Allocation of Awards: The applicant must be on an official tribal role of a New York state tribe or

the child of an enrolled member of a New York state tribe, and a resident of New York state; maintain good academic standing in accordance with Commissioner's Regulations; and enroll in an approved New York state postsecondary program. State Aid to Native Americans is an entitlement program. There is neither a qualifying examination nor a limited number of awards.

Award Schedule: The award is \$1,000 for 12 or more credits per semester. Students registered for less than 12 credits will be funded at a prorated amount.

Responsibilities of Recipients: Students are responsible for notifying the Native American Education Unit in writing of any change in student status or program or institutional enrollment. Students must also submit semester grades, at the end of each semester, showing satisfactory progress toward completion of degree or certification requirements. Students must re-apply for each semester.

Niagara University Opportunity Program (NUOP) (HEOP)

The Niagara University Opportunity Program is a comprehensive program designed for students who have the potential for and interest in furthering their education but are not admissible to Niagara University. The ultimate goal of the program is to make higher education possible for students who are both educationally and economically disadvantaged. Thus NUOP offers both support services and financial assistance to eligible students.

The Niagara University Opportunity Program is funded jointly by the university and the New York State Higher Education Opportunity Program (HEOP).

Application Procedures: Application is made through the admissions office at Niagara University.

Selection of Recipients and Allocation of Awards: The applicant must be: (1) a New York state resident; (2) a matriculated undergraduate student at an independent college or university in New York state; (3) academically and economically disadvantaged according to guidelines approved by the New York Board of Regents.

Selection of eligible applicants for participation in HEOP is conducted by the Niagara University Opportunity Program.

Award Schedule: The amount of financial assistance and other support provided to HEOP participants is dependent on need as determined by Niagara University and the program, within the state guidelines. The university provides institutional money through the Niagara University Opportunity Program (NUOP).

Regents Professional Opportunity Scholarship

Application Procedures: Contact the financial aid office or the New York State Education Department, Scholarship Unit, Education Building Annex, Room 1078, Albany, NY 12234, or call (518) 486-1319. Applications must be submitted each year.

Selection of Recipients and Allocation of Awards: These scholarships are awarded for certain approved professional programs. Psychology, social work, and accounting are programs offered at Niagara University. For information on other programs, call (518) 486-1319.

Eligibility: U.S. citizen or eligible noncitizen and permanent New York state resident. Enrolled full time (matriculated) in an approved program of study in New York state. Must agree to practice for one year in chosen profession in New York state for each annual payment received. Students must demonstrate good academic standing and meet college guidelines for academic progress. Recipients must be chosen in the following order of priority: (1) economically disadvantaged (prescribed criteria) and a minority group member historically under-represented in the profession; (2) minority group member under-represented in the profession; (3) candidate who is enrolled in or a graduate of, CD, SEEK, EOP, HEOP programs.

Award Schedule: \$1,000 to \$5,000 per year for up to four years or five years in certain programs. TAP and some other benefits may supplement this award.

Robert C. Byrd Honors Scholarships (federally funded)

Application Procedures: Information bulletins and application forms are available each fall at every New York state high school.

Selection of Recipients and Allocation of Awards: Scholarships are awarded competitively for full-time postsecondary study at an approved institution of higher education either in or out of New York state. The competitive basis of the award is based on high school grade point average and the test score on either the Scholastic Aptitude Test (SAT) of the College Board or the American College Testing Program (ACT) Assessment. Fee waivers are available from each testing agency for economically disadvantaged applicants. The applicant must be a U.S. citizen and permanent New York state resident.

Award Schedule: The award is \$1,500. Award amount may change contingent upon federal funding. Award is renewable for up to four years, contingent upon federal funding.

Responsibilities of Recipients: Recipients must file an application with the New York State Higher Education Services Corporation each year.

Regents Award for Child of Veterans (CV)

Eligibility: Children of veterans who are deceased, 40 percent or more disabled, former prisoners of war or missing in action as a result of service during certain specified conflicts.

Criteria for Selection: Recipients must meet eligibility requirements. Students must be a U.S. citizen, a New York state resident, a full-time matriculated student and make satisfactory academic progress.

Award Schedule: \$450 per year, for up to five years, depending on the normal length of the program.

Responsibilities of Recipients: File annually the FAFSA and express TAP application and in addition, file the CV Award Supplement available on request from NYSHESC: (518) 473-7087.

Memorial Scholarships for Families of Deceased Police Officers, Peace Officers, Firefighters, Volunteer Firefighters, and Emergency Medical Service Workers

Eligibility: Must be a child or spouse of a deceased police officer, peace officer, firefighter, volunteer firefighter or

emergency medical service worker who died as a result of injuries sustained in the line of duty.

Criteria for Selection: Must meet eligibility requirements and submit documentation supporting eligibility as noted in special supplement.

Award Schedule: Award amounts are based on tuition and nontuition costs of attendance. In combination with certain other state and federal grants, may equal the average cost of attendance at the State University of New York.

Responsibilities of Recipients: File annually the FAFSA and express TAP application and in addition, file the appropriate award supplement available on request from NYSHESC: (518) 473-7087.

Persian Gulf Veterans Tuition Award Program (PGVTA); Vietnam Veterans Tuition Award Program (VVTA)

Eligibility: To qualify, undergraduates must meet New York state residency requirements. For VVTA, applicants must have served in the armed forces in Indochina between December 1961 and May 1975 and meet other eligibility requirements. Persian Gulf veterans must have served in hostilities beginning Aug. 2, 1990. For both programs, applicants must be discharged under other than dishonorable conditions. In addition, applicants must file the VVTA or PGVTA supplement to establish eligibility. Call NYSHESC at (518) 473-7087 for information.

Criteria for Selection: Students must complete all eligibility requirements, including filing for TAP and Federal Pell grants, demonstrate good academic standing, and meet pursuit of program requirements.

Award Schedule: Awards are \$1,000 per semester for full-time study; \$500 per semester for part-time study. Awards cannot exceed cost of tuition.

Responsibilities of Recipients: File annually the FAFSA, Express TAP Application, and VVTA or PGVTA Supplement. After initial year eligibility is established, students must refile supplement yearly for part-time study only.

World Trade Center Memorial Scholarship

Eligibility: Children, spouses and financial dependents of deceased or severely and permanently disabled victims of the Sept. 11, 2001, terrorist attacks on the United States or of the subsequent rescue and recovery operations.

Also, survivors of the terrorist attacks who are severely and permanently disabled as a result of injuries sustained in the attacks or rescue and recovery operations. This includes victims at the World Trade Center site, the Pentagon, or on flights 11, 77, 93, or 175.

Criteria for Selection: Recipients must submit the World Trade Center Memorial Scholarship application with the necessary documentation to HESC. Call 1-888-697-4372. Recipients need not be New York state residents or U.S. citizens.

Award Schedule: An amount equal to NY SUNY four-year college tuition and average mandatory educational fees and allowances for room and board, books, supplies and transportation.

Responsibilities of Recipients: File annually the FAFSA and express TAP applications, and in addition, the World Trade

Center Memorial Scholarship application. For more information, contact HESC at www.hesc.org or call 1-888-697-4372.

Military Service Recognition Scholarship

Eligibility: Members of the armed forces of the US or state organized militia who, while NY State residents, at any time on or after August 2, 1990, became severely and permanently disabled as a result of injury or illness suffered or incurred in a combat theatre or combat zone or during military training operations in preparation for duty in a combat theatre or combat zone of operations. Also, children, spouses and financial dependents of member of the above forces who were NY State residents at any time on or after August 2, 1990; died, became severely and permanently disabled as a result of injuries suffered or incurred, or are classified missing in action as a result of military activities as described above.

Criteria for Selection: Must submit documentation supporting eligibility. Must be a full time undergraduate student in an approved NY State post-secondary institution.

Award Schedule: An amount equal to NY SUNY four-year college tuition and average mandatory educational fees and allowances for room and board, books, supplies and transportation.

Responsibilities of Recipients: File annually the FAFSA and express TAP application, and in addition, the award supplement form which is available on request from NYSHESC. For more information, contact HESC at (518) 473-7087.

Volunteer Recruitment Service Scholarship

Eligibility: Volunteer firefighters and ambulance personnel who are NYS residents for one year and are enrolled in an approved undergraduate program of at least six credits, have a high school diploma or GED. If 23 or older, have less than six months of volunteer service; if under 23, no minimum or maximum time is required.

Criteria for Selection: Volunteer organization selects one eligible candidate per year and submits application. Call (518) 473-7087.

Award Schedule: Up to \$3,400. Awards will equal tuition, reduced by any other tuition-based aid, and cannot exceed the cost of SUNY tuition. (Award amounts dependent on each year's NYS budget.)

Responsibilities of Recipients: Maintain good academic standing and a C average. Must be an active volunteer, attend a college within 50 miles of volunteer organization, and be enrolled in school for the duration of the scholarship.

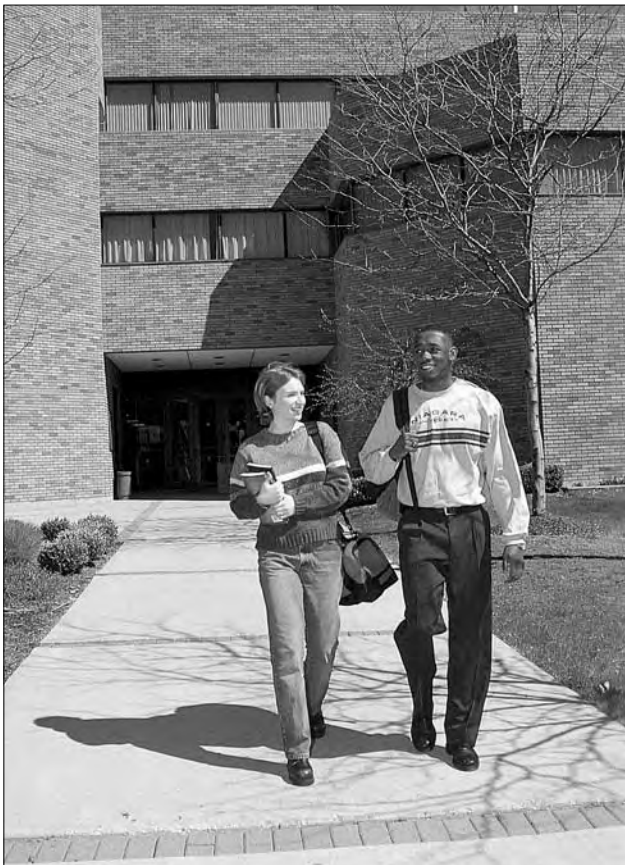
Office of Vocational and Education Services for Individuals with Disabilities (VESID)

VESID serves people whose disabilities prevent them from entering or maintaining employment. VESID sponsors individuals with disabilities in college programs when they need that level of training to reach their vocational goals. VESID has provided tuition assistance as well as assistance toward other costs of attendance, such as fees, books, etc.

For information on VESID eligibility requirements and application procedures, write to the New York State Education Department, VESID, Room 1609, 99 Washington Avenue, Albany, NY 12234. Interested students may also call their local VESID office (listed in the telephone directory under New York State, Education Department), or call 1-800-222-JOBS.

Out-of-State Financial Aid Programs

A number of states other than New York participate in state grant programs which are of interest to relatively smaller groups of students and prospective students than those described on the preceding pages. For further information and addresses contact the financial aid office, or contact the appropriate state agency which administers state financial aid programs.



General Academic Information



tudent classifications;

Matriculated students are those who have registered for a degree program at Niagara University.

Nonmatriculated students are those who register without reference to a degree from Niagara University.

Both these groups of students are required to satisfy university regulations including those relative to registration, advanced registration, class attendance, scholarship, examinations, and fees in order to receive official certification for the satisfactory completion of courses attended.

Niagara faculty members provide excellent advisement to assist students with course selection; however, students are primarily responsible for the planning that ensures the completion of all graduation requirements.

Full-time students are those who register for a minimum of four course units or a minimum of 12 semester hours per semester in the spring or fall. During each summer session, the maximum allowed is two courses.

Exceptions in excess of five course units (six in College of Business Administration) in fall or spring and two in each summer session must be authorized by the dean. Automatic exception is made for students accepted into the three-year accelerated degree program and for audited course units; all other cases, including tutorial arrangements, must be approved by the dean on an individual basis.

Part-time students are those who register for fewer than four course units or fewer than 12 semester hours in a fall or spring semester. Students registered for less than 12 semester hours are not charged the student government or general fees and are not entitled to the benefits of various student activities or services.

Auditors are students who attend classes, whose work is not subject to review by the instructor, and who receive no credit at the completion of the course. An audit must be declared at the time of registration.

Special students are those who pursue courses at Niagara University with the intention of having grades earned in those courses forwarded to the college or university from which they have been granted a leave of absence or have been granted permission to pursue courses at Niagara University. Special students need not supply transcripts of their high school or college grades. A letter from the dean or registrar of their college or university granting them permission to pursue courses at Niagara University must be filed with the director of admissions at Niagara University at the time of registration.

Study-Abroad Program

Niagara recognizes the value, both educational and personal, of living in another culture. That's why we offer students a number of opportunities to pursue part of their college program in a country of their choice. Application for the study-abroad program should be made through the study-abroad coordinator in Alumni Hall.

Cross-Registrants

A number of postsecondary schools in Western New York have formed the Western New York Consortium. Students at any of these schools may cross-register for courses at other member schools. This program was devised in order to offer students an opportunity to broaden their educational experience and also to provide a wider spectrum of courses without undue expense to the individual member schools.

The principal conditions to be met are:

- (1) The cross-registrant must be a full-time, matriculated student at the home school.
- (2) The course offered at the host school must be unavailable at the home school. The tuition rates are those of the home school and are paid to the home school. Any credits earned at the host school are entered on to the home school's transcript as though the course were actually taken at the home school.

Niagara University has determined that students cross-registering from another university into NU courses will be allowed to earn a maximum of six credits at NU. Niagara University students cross-registering into other schools are subject to the particular regulations of the host school.

Niagara University students wishing to participate in this program should consult their adviser and the registrar.

Accelerated Three-Year Degree Plan

An accelerated three-year degree plan is offered to qualified students. A student accepted into this plan receives a degree within three years instead of the usual four. To do so, the student must complete successfully the degree requirements by combining summer sessions with six-course-unit semesters in fall and spring. Eligibility is restricted to incoming freshmen who meet certain qualifications (high school class ranking and S.A.T. scores) and to sophomores with high academic performance during their freshman year.

High School Student Program

High school students who have completed their junior year and who have not graduated may be admitted to credit courses given in the day or evening at the university or at cooperating high schools provided there are no college-level prerequisites. Approval of student's dean is required to participate in this program. Generally, high school students who are accepted in this program are limited to one course per semester.

Niagara University Senior Term Enrichment Program (NUSTEP)

NUSTEP provides high school seniors with the opportunity to take college-level courses on their home campus taught by their respective teachers for Niagara University credit. Course registration is coordinated through the university, offering a reduced tuition to enrolled students. All courses and high school teachers are approved by NU.

Classification of Matriculated Students

	<i>Sem. Hrs.*</i>
Freshman	0-23
Sophomore	24-47
Junior	48-83
Senior	84 or more

*Semester hours accepted by the university toward a degree.

Registration

All students must make an appointment with their academic adviser prior to registration. All continuing students should advance-register during the fall and spring semesters for the following semester on the days appointed in the course schedule which is distributed prior to advance registration.

It should be understood that only those students having complete health records on file with the university which certify proper proof of measles, mumps, rubella, and meningitis or meningitis waiver immunizations will be permitted to register for courses. For details of New York state guidelines mandating immunization as a condition of class attendance, consult the health services information in the student life section of this catalog.

Advanced Placement and Other

External Examinations

Advanced placement (AP) credit may be earned at some high schools through special examinations. Information on Niagara University's policies regarding AP credit is given in the chapter on admissions.

Niagara University uses the College Level Examination Program (CLEP) so that students not affiliated with a college or university and who seek admission to the university may demonstrate competence in particular areas. For further information, refer to the chapter on admissions.

The university grants credit for satisfactory performance on the New York State College Proficiency Examination Program (CPE). For further information, refer to the chapter on admissions.

Advanced Placement Credit Evaluation

Students who have received a grade of 3, 4 or 5 on the tests listed below should be given credit as indicated

A.P. Test	N.U. Equivalent	Score	Credit	Remarks
American History	HIS 103, 104	3+	6 SH	Does not take the place of HIS 100
Art: History	FAA 201-202	3+	6 SH	
Art: Studio Drawing	FAA 220	3+	3 SH	
Art: Studio General	FAA 220	3+	3 SH	
General Biology	BIO 121	3	3 SH	Majors must take lab
	BIO 121/123	4	4 SH	if they receive a 3 on the AP exam
	BIO 121/123 & 122/124	5	8 SH	
Chemistry	CHEM 111	3	3 SH	Majors must take labs
	CHEM 111, 113L	4	4 SH	
	CHEM 111, 113L 112, 114L	5	8 SH	
Computer Science A	CIS 265	3+	3 SH	
Computer Science AB	CIS 265 & 365	3+	6 SH	
Economics: Micro	ECO 102	3+	3 SH	
Economics: Macro	ECO 101	3+	3 SH	
English: Language/Composition	WRT 100 & ELEC	3+	6 SH	
English: Literature/Composition	ENG 100 & HUM ELEC	3+	6 SH	
Environmental Science	BIO 103	3+	3 SH	
European History	HIS 101, 102	3+	6 SH	
French Language	FRE 101-102	3+	6 SH	
French Literature	FRE 103-104	3+	6 SH	
German Language	GER 101-102	3+	6 SH	
Govt/Politics: U.S.	POL 101	3+	3 SH	
Govt/Politics: Comparative	POL 105	3+	3 SH	
Latin: Vergil	LAT 101-102	3+	6 SH	
Latin: Literature	LAT 101-102	3+	6 SH	
Math/Statistics	MATH 102	3+	3 SH	
Math/Calculus AB	MATH 107	3	4 SH	
	MATH 111	4	4 SH	
	MATH 111-112	5	8 SH	
Math/Calculus BC	MATH 111	3	4 SH	
	MATH 111-112	4+	8 SH	
Music Theory	HUM	3+	6 SH	
Physics: B	PHY 121	3+	3 SH	
Physics: C	PHY 121	3+	3 SH	
Elec/Mag Physics: C	PHY 122	3+	3 SH	
Psychology	PSY 101	3+	3 SH	
Spanish Language	SPAN 101-102	3+	6 SH	
Spanish Literature	SPAN 103-104	3+	6 SH	
World History	HIS ELEC	3+	3 SH	

Challenge Examinations

To encourage students with outstanding ability and enterprise, Niagara University offers the opportunity for advancement through challenge examinations. Because this policy is subject to specific restrictions, it is important for any student considering a challenge examination to consult his or her adviser. Courses which cannot be challenged are identified in this catalog with a bullet (•). A student completing a challenge examination is assigned either an S or U grade, and a nonrefundable minimum fee is charged for each challenge examination.

Transfer Students and Transfer Credits

Transcripts of transfer students are evaluated by the dean of the division that the student wishes to enter and also by the major department. The total number of semester hours, or their equivalent, accepted for transfer credit is decided by the dean.

A transfer student must successfully complete all the Niagara University degree requirements either through course units completed at the university or those accepted for transfer. At least one-half of the requirements in the major ordinarily must be taken at Niagara University.

Students enrolled at Niagara University who want to take a course at another educational institution must complete a permission form and have the approval of both their academic adviser and their dean. An official transcript of the course grade must be sent to the dean of the student's college.

Niagara University has transfer agreements with several two-year and four-year colleges and universities. Please contact the admissions office at Niagara or the transfer counselor at your present institution for more information.

The philosophy and religious studies requirements for transfer students are based on the total number of credits accepted by the dean for transfer. The following chart indicates these requirements.

Number of Semester Hours Accepted for Transfer Credits	Philosophy Requirements	Religious Studies Requirements
0-23	PHI 205, 206, 300-level elective	3 courses**
24-47	PHI 205, 206	2 courses**
more than 47	PHI 206	1 course**

**Transfer students are required to take a REL 100-level course unless they have been granted transfer credit in religious studies.

Life Experiences (Portfolio) Program

The Life Experience Program provides a way for adults to translate their experiences to college credit through completion of a life experience portfolio. Credits awarded are not a value judgement of the student's experiences, but rather reflect an evaluation of the similarity of those learning experiences to learning that typically occurs through study in the university.

Within the first three semesters of academic work at NU, adult students over the age of 25 must make application for this credit option with their dean.

Class Attendance

Students are responsible for attending and participating in scheduled classes, labs and other required course-related activities as specified in the course syllabus. Students are responsible for any missed material, exams and/or assignments.

Instructors are responsible for clearly stating their attendance policies in the course syllabus. When their policies state that students' grades are linked to attendance, instructors will maintain a record of student attendance.

Absences for all university courses are reported to the records office at midterm and at the end of the semester.

Change of Course

The following procedures exist for any course dropped and/or added by any student once semester classes have begun.

(1) To drop/add a course a student must first secure the signature of his/her academic adviser on the appropriate form. The adviser should be sure the desired change is consistent with university and departmental policies; additional pertinent comments should be indicated on the form.

(2) Students can adjust their schedule online until the start of the semester.

(3) Once the semester starts, the student then takes the form signed by his/her adviser to the drop/add site.

Generally, no course may be added to a student's program after the end of the second week of the fall or spring semester.

Withdrawal From Class

The grade W (withdrawal) is assigned when a student withdraws from a course after the drop/add period but prior to the end of the 10th week and from the 10th week on if the student is passing. If the student wishes to withdraw after the published drop/add period but prior to the end of the 10th week of the semester, the student will complete the appropriate form and a grade of W will be entered on the transcript. At the student's request, faculty will inform the student of his/her standing in class prior to the end of the ninth week of the semester.

Beginning with the 11th week, a student must consult with his/her adviser and the professor. The professor will attest in writing on the withdrawal from course form whether the student is passing or failing. If the student is passing, a grade of W will be entered on the transcript; if the student is failing, the grade of F will be entered on the transcript.

The dean reserves the right to review a withdrawal request and to make the final decision with respect to the assignment of a grade in any exceptional case. Withdrawals will not be approved to avoid failure. Unofficial withdrawals will result in the grade of F being entered on the transcript.

Change of Major

Students wishing to change their major should consult their academic adviser and then consult the dean. The dean's office will advise them on the procedures for changing a major. Students changing majors should be aware that credits applicable to one degree program do not necessarily apply to another degree program.

Change of School/College Within the University

Students wishing to change their school/college within the university and hence also change their major should first consult their academic adviser and then the deans of the schools/colleges involved. The office of the dean of the school the student is leaving will advise the student on the procedures for changing schools within the university.

Curricular Changes

In general, students are required to follow the degree requirements of the current catalog. Efforts are made continually to improve the curriculum in each college and department of the university. It is intended that students currently enrolled benefit as much as possible from these improvements. In fitting curriculum changes into a student's program, adjustments are made to ensure that a student is not required to take more total credits than would be necessary if he/she followed the catalog in force during his/her freshman year.

Grading System and Quality Points

Effective May 23, 2005

Legend	Grade	Grade Points
Superior	A+	4.33
	A	4.00
	A-	3.67
Very Good	B+	3.33
	B	3.00
	B-	2.67
Average	C+	2.33
	C	2.00
	C-	1.67
Passable	D+	1.33
	D	1.00
	D-	0.67
Failure	F	0.00
Pass	P	
Incomplete	I	
Audit	N	
Withdrawal	W	
Satisfactory	S	
Unsatisfactory	U	
Retaken	R	

The grade I (incomplete) indicates there is still a possibility of credit, after further work. The student must request the incomplete from the instructor and both must sign the incomplete form outlining the reasons and terms of the agreement. It is used when the instructor is not prepared to give a definite mark for the term in view either of student illness or of some justifiable delay in the completion of certain

work. It is not used when failure to meet course requirements is due to delinquency on the part of the student. It must be removed within 30 days after the beginning of the next regular semester or the grade automatically becomes an F. It is the responsibility of the student to initiate removal of the incomplete.

F to R Policy

Students who successfully repeat a course that they had previously failed may initiate a grade change from F to a grade of R. The failed course must be retaken at Niagara University. The R grade is assigned to a course which a student previously failed but has retaken and subsequently passed. When the grade of R is assigned to a course, the hours attempted for that course will no longer be included in the calculation of the student's QPA.

The grade and credit earned in the retaken course will appear on the transcript within the semester that the student repeated that course. This policy is limited to four courses. Students must be enrolled as undergraduates at the time of the request. Students may avail themselves of this policy prior to the completion of their degree. To initiate this grade change, students must report to the records office and complete the required form.

Grade reports are issued to students at the end of each semester. Reports of minimal progress in current courses are issued to students each midsemester and are available in the records office.

Quality Point Average (QPA)

To determine a student's quality point average, consider each course taken at Niagara University for which the student has received A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D- or F. Convert this letter grade to the corresponding quality points given in the preceding chart. For each course, multiply the number of quality points by the number of semester hours assigned to that course. (Number of semester hours are indicated at the end of the course descriptions in this catalog.) Compute the quality point average by adding these products and dividing by the total number of semester hours for which a student received grades of A+ to F.

Courses for which a student received I, W, N, S, U or R are not computed in the QPA.

Degree Requirements

To earn a bachelor's degree, a student must attain an overall QPA of at least 2.0, as well as a 2.0 in the major. He or she must also successfully complete all requirements as prescribed in his or her particular program. At least half of the courses in a student's major must be taken at Niagara University. Students who transfer more than 60 credit hours to Niagara University from another institution must complete their last 10 courses at Niagara University. Niagara allows study abroad courses to satisfy part of the last 10 courses with the approval of the dean.

Good Standing

Students are considered to be in good academic standing as long as they are permitted by their dean to remain in school matriculated toward a degree.

Satisfactory Academic Progress

Warning, Probation, Dismissal

Satisfactory academic progress is achieved by maintaining an appropriate academic average and a minimum number of successfully completed hours. For those who do not maintain the requirements, there are three levels of academic status. These are warning, probation, and academic dismissal from the university.

The purpose of the satisfactory academic progress standard is to make students aware of the minimal rate at which they must progress toward graduation if a degree is to be awarded within a 10-semester period.

Warning status is defined as failing to achieve a quality point average of 2.0 (C) with an average of 12 credit hours completed each full-time semester. A student who falls below this level is placed on warning status.

Probation is a condition which is lower than warning status and signifies that a student is dangerously close to dismissal from the university. A student placed on probation for two consecutive semesters is liable for dismissal.

When a student's achievement level is no longer acceptable to the university, the student is subject to dismissal from the university. The student will receive a letter of dismissal status from the appropriate dean. This may be appealed if the student has reason to believe there are circumstances which should be considered. Forms for appeal are sent with the dismissal status letter. To appeal, the student must take the following steps:

(1) The student must complete the satisfactory academic progress committee appeals form and submit it to the chair of the committee within the time frame stated in the notice sent by the academic dean.

(2) The student statement on the form must outline the reasons for the appeal and provide any applicable documentation.

(3) If requested by the appeals committee, the student must appear in person before the committee.

If the appeal is granted by the committee, the student will be placed on probation. If the student appeal is not accepted, the student will be dismissed. Dismissal requires total separation from the university.

Students enrolled prior to fall 2001 should reference the 2001-2003 undergraduate catalog for satisfactory academic progress guidelines.



Standards of Satisfactory Academic Progress

This chart is used for general academic and federal student financial aid purposes.

At the completion of this full-time semester	1	2	3	4	5	6	7	8	9	10
Warning A student will receive "WARNING STATUS" when he/she falls below this QPA or has fewer than stated credit hours completed.	12 2.0	24 2.0	36 2.0	48 2.0	60 2.0	72 2.0	84 2.0	96 2.0	108 2.0	120 2.0
Probation A student on probation falls below this QPA, or has fewer than stated credit hours completed.	9 1.50	21 1.65	33 1.85	45 1.90	57 2.0	69 2.0	81 2.0	93 2.0	108 2.0	120 2.0
Dismissal Any student falling below this QPA or minimum credit hours completed is subject to dismissal.	6 1.0	18 1.25	30 1.50	42 1.70	54 1.90	66 2.0	78 2.0	90 2.0	105 2.0	120 2.0

Readmits

Any student who was dismissed and is applying for re-admission must be reviewed by the satisfactory academic progress appeals committee before admission can be granted. For information, consult the admissions section of the catalog.

Part-Time Students

Part-time students will be included on the progress chart but they will have their completed hours divided by 15 hours for placement in the appropriate semester. The requirement for the quality point average will be the same as indicated on the chart.

Transfer Students

Transfer students will be entered on the progress chart after the number of accepted hours is determined by the dean. The hours will be divided by 15 to determine the semester on the chart. The requirement for quality point average begins at that point. Only NU quality point credits will be counted. Grade point averages from previous college work will not be considered.

Students enrolled at Niagara University who want to take a course at another educational institution must complete a permission form and have the approval of both their academic adviser and their dean. An official transcript of the course grade must be sent to the dean of the student's college.

Academic Integrity

The integrity of an academic community necessitates the full and correct citation of ideas, methodologies, and research findings to the appropriate source. This is necessary to protect the original work, whether it is found in reference material, other published matter, or unpublished communication from faculty, other scholars, and fellow students. In addition, each

student can promote academic honesty by protecting his or her work from inappropriate use. Academic honesty is essential to ensure the validity of the grading system and to maintain a high standard of academic excellence. The principal violations of academic honesty are cheating and plagiarism.

Cheating includes the unauthorized use of certain materials, information, or devices in writing examinations, or in preparing papers or other assignments. Any student who aids another student in such dishonesty is also guilty of cheating.

Other possible forms of cheating include submitting the same work in more than one class without permission, and fabricating or altering references or actual research results.

Plagiarism is the presentation of ideas, words, and opinions of someone else as one's own work. The offense does not extend solely to directly quoted materials presented without documentation. Paraphrased material, even if rendered in the student's own words, must be attributed to the originator of the thought.

Furthermore, if the student adopts a line of reasoning or a point of view adopted or derived from the work of another, such adoption or derivation must also be properly acknowledged.

Procedure: A faculty member who suspects academic dishonesty should present the allegation and any corresponding evidence to the student. The student will be given the opportunity to respond and the faculty member may accept or reject the response. If the response is rejected, the faculty member assigns a penalty.

The student may appeal to the department chairperson who will make a decision in the matter. Either the student or the faculty member may appeal the decision of the chairperson to the dean of the student's college. The decision of the dean will be final except for cases in which:

(1) The dean recommends suspension or expulsion. Such cases will be referred automatically to the vice president for academic affairs. The vice president for academic affairs will inform the affected student of his or her right to refer the matter to the university judicial system. A student may waive the right of referral to the university judicial system and refer the matter to the vice president for academic affairs. The vice president for academic affairs will review the case and make a decision. Either the student or the faculty member may appeal the decision of the vice president for academic affairs to the president. The president will review the case and make a decision. The decision of the president will be final.

(2) The dean alters the penalty recommended by the chairperson. In such cases, the dean will notify all parties to the case of the decision and, at the same time, inform the student and faculty member of their right to appeal the decision to the vice president for academic affairs. The decision of the vice president for academic affairs will be final except for those cases in which the dean recommends suspension or expulsion. In such cases, the procedure described in (1) above will be followed.

Penalties: Penalties for cases of academic dishonesty include but are not limited to the following, according to the

severity of the offense:

- Resubmission of an essay or rewriting an examination
- Assigning an F for the paper, project, or examination
- Assigning an F for the course (N.B. second offenders receive an automatic F)
- Suspension
- Expulsion

The faculty member will submit a report of the incident to be placed in the student's file before the end of the semester in which the incident occurred. If the incident occurs during examination week, the instructor will submit a report no later than 30 days after the start of the following semester.

Record: The entire record of academic dishonesty will be destroyed upon graduation.

Student Rights Under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

(1) The right to inspect and review your education records within 45 days from the day the University receives a request for access.

If you would like to review your records you must submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) you wish to inspect. The University official will make arrangements for access and notify you of the time and place where your records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official will advise you of the correct official to whom the request should be addressed.

(2) The right to request the amendment of your education records that you believe are inaccurate or misleading.

You may ask the University to amend a record that you believe is inaccurate or misleading. You must write the University official responsible for the record, clearly identify the part of the record that you want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as you requested, you will be notified of the decision and advised of your right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to you when notified of the right to a hearing.

(3) The right to consent to disclosures of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent.

"Directory Information" is limited to: Student's name, address, telephone listing, electronic mail address, date and place of birth, photographs, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, grade level, enrollment status (e.g. full-time or part-time; undergradu-

ate or graduate), degrees, honors and awards received, and the most recent previous education agency or institution attended.

“Directory Information” may be released without the student’s consent. Currently enrolled students may withhold disclosure of “Directory Information.” To withhold disclosure, written notification must be received annually in the Records Office prior to October 1. Forms requesting the withholding of “Directory Information” are available in the Records Office. Niagara University assumes that failure on the part of any student to specifically request the withholding of categories of “Directory Information” indicates individual approval.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, collection agent or clearinghouse); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the University discloses records without consent to officials of another school in which a student seeks or intends to enroll.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

**Family Policy Compliance Office
U.S. Department of Education
600 Independence Avenue, SW
Washington, DC 20202-4605**

Transcripts of Record

Transcripts of academic records are available in the Records Office.

Transcripts bearing the seal of the university are ordinarily forwarded from the records office directly to the authorized agencies. However, if you need an official transcript you can receive it in a sealed envelope.

A fee of \$5 is charged for each transcript. Only written requests can be accepted.

Transcripts will not be furnished to students who have not settled all accounts.

Honors at Graduation and Dean’s List

To be eligible for graduation with honors, a student must complete half of the degree requirements at Niagara University. A student with a QPA of 3.25 is graduated cum laude; with a

3.50 magna cum laude; with a 3.80 summa cum laude. Students who transfer more than half of their degree requirements and graduate with a 3.25 or higher, graduate with distinction.

At the end of the first semester of the freshman year, and each semester thereafter, a student with a semester QPA of 3.25 is placed on the Dean’s List.

To be eligible for the Dean’s List a student must be registered for a minimum of 12 semester hours of credit-bearing courses.

Awards and Prizes

The Senior Medal: for general excellence in the senior class.

The Niagara Medal: selected by students for personality, character and success in studies.

The Likely Award: for excellence in theology.

The Pere Blake Award: for general excellence in the senior philosophy college class.

The Lt. Lynch Memorial Award: for excellence in philosophy – College of Business Administration.

The Senior Accounting Award: for excellence in accounting.

The New York State Society of Certified Public Accountants Award: for the highest ranking student in four years of accounting.

The Dr. George B. Banks Memorial Award: for excellence in mathematics.

The Father Dana Duggan Award: for scholastic excellence and outstanding leadership to a senior from the Niagara Falls area.

The Chaplain Duggan Purse: for excellence in military science and athletics.

The Monsignor Duggan Award: for outstanding scholarship and participation in student life by a senior woman student at the university.

The Dr. Thomas H. Morton Medal for Excellence in Biology: gold medal to a member of the graduating class for general excellence in biology.

American Institute of Chemists Award: for high achievement in chemistry and biochemistry.

The Wall Street Journal Achievement Award: for excellence in business studies to a student chosen by the faculty and dean of the College of Business Administration.

The Tourism and Hospitality Award: for scholastic excellence in the College of Hospitality and Tourism Management.

The Father James O’Keefe Award: for general excellence in foreign languages.

The Kevin Mulhern Award: for the outstanding athlete in the senior class.

The I. Frank Mogavero History Award: awarded by the department of history faculty to the graduating history or social studies major who best exemplifies a love for history and scholastic excellence in the discipline.

The Award for Excellence in Computer and Information Sciences: for excellence in computer and information sciences.

The Louis S. Genovese Accounting Scholarship Award: purse for an outstanding senior in accounting.

The Everett W. Ockerman Awards: for excellence in an academic concentration in honor of Dr. Everett W. Ockerman, professor emeritus, department of economics and commerce.

The St. Vincent de Paul Community Action Award: for exemplification in an outstanding manner of concern for the human needs of people through diligent work with the Niagara University Community Action Program.

The Dr. Patricia D. Ebert Memorial Award: to the outstanding graduate in psychology.

James D. Phillips Award of Excellence: awarded annually by the Niagara Falls Chamber of Commerce to a Niagara University senior business major who has achieved academic excellence and has performed significant service to either the university or the Niagara Falls community.

The College of Education Senior Award: for excellence in teacher preparation.

The American Chemical Society Award: awarded to the outstanding senior chemistry major.

The David A. DiChiara Memorial Award: awarded to a Niagara County business major for outstanding leadership in community and campus service.

The Sertoma Award: awarded to a Niagara County political science or criminal justice major for academic excellence.

The Dr. Lawrence J. Kiely Memorial Award: awarded to a member of the graduating class who will pursue graduate studies in medicine, dentistry, or biology.

The William McGowan Senior Scholar Award: a full-tuition scholarship awarded to a deserving senior in memory of the founder of MCI.

Withdrawal From the University

To remain in good standing with the university, all full-time undergraduates seeking to discontinue attendance must officially withdraw in accordance with the following procedure:

(1) The student reports to the academic adviser's office to begin completion of the required withdrawal form.

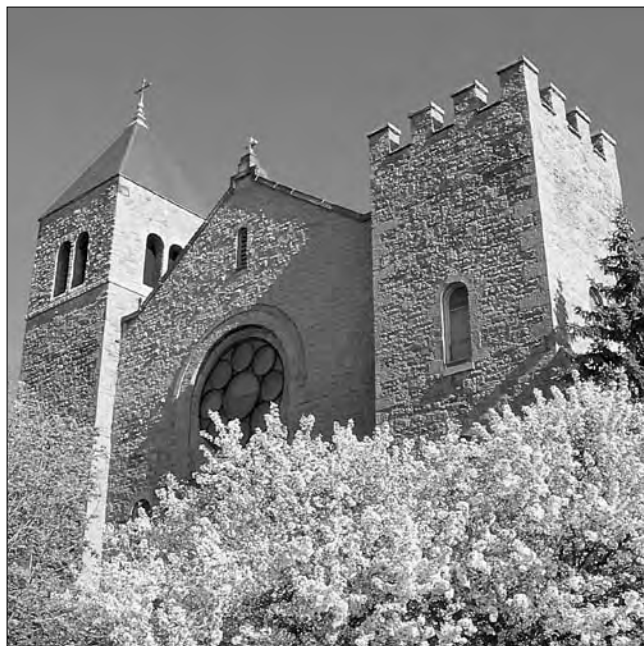
(2) The student completes an exit survey at the records office.

(3) Students residing in on-campus housing, those receiving financial aid to include ESL (Emergency Student Loan) funding, and/or those enrolled through ROTC (Army Reserve Officers' Training Corps.) or NUOP (Niagara University Opportunity Program) must have the respective offices sign off on the withdrawal form.

Part-time undergraduate and all graduate students must report to the records office to officially withdraw.

Students who officially withdraw during the semester may be entitled to a partial refund. There is no refund of tuition, fees or room after 60 percent of the enrollment period has passed. Details of the refund policies are listed in the financial information section of this catalog.

Those students unable to withdraw in person must inform the records office in writing. Students seeking to resume their studies at Niagara should contact the admissions office.



Curriculum



The curriculum is the major statement a university makes about itself, about what it can contribute to the intellectual and moral development of its students, and about what it thinks is important in its service to society.

Since its foundation, Niagara University has presented a balanced curriculum. In the 1860s the university provided a curriculum in “the learned languages and in the liberal and useful arts”. Today, Niagara offers to every undergraduate student a liberal arts education coupled with career and professional education.

The curriculum considers the courses in each undergraduate degree program under two headings: General education and the major. General education consists of 9 foundation courses common to all Niagara University bachelor degree programs, and 11 distribution courses which ensure that every student is exposed to the content, tradition, and methods of the principal areas of knowledge; the natural sciences, social sciences, humanities, analytical skills, mathematics, and cultural diversity. Within these 20, there is also room for a minimum of four free electives reserved to every student.

Such breadth is a counterweight to concentration. It should provide students with a threshold of common knowledge which facilitates communication among themselves and with instructors in different disciplines. It also affords an opportunity for students to explore several subject fields in the selection of a major.

General Education

Niagara University’s mission drives the general education program, which is committed to preparing students for a successful and fulfilling academic, professional, and personal life. Niagara University’s general education curriculum was designed specifically to develop the skills—critical thinking, information literacy, communication skills, and the ability to work effectively with diverse groups—as well as the ethics and values that will enable students to succeed and make a difference in the lives of others. Students will develop these skills and values through nine foundation courses, 11 distribution courses, courses in the major, electives, and extracurricular activities. Faculty will assist students with choosing general education courses that link to their major and thus help them to achieve their career goals.

Critical thinking skills will enable students to

- weigh evidence, evaluate facts and ideas critically, and think independently.
- use mathematical or statistical analysis in problem solving.
- understand core critical thinking skills in different fields of study and their major.
- understand the roots of key political, economic, diplomatic, social and scientific developments that are

shaping the 21st century, and explore their potential implications.

- appreciate the Western/American heritage in literature and art.

Information literacy skills will enable students to

- analyze a problem.
- conduct appropriate research.
- differentiate between facts and popular misconceptions.
- synthesize a solution.
- ethically attribute sources of information.
- integrate emerging technologies into research and communication.

General education courses that develop communication skills and the ability to work effectively with diverse groups will enable students to

- write and speak effectively, communicate across cultural boundaries, and function effectively in group settings.

Students will also strengthen their ethical and values foundation by learning about

- the religious and philosophical foundations and evolution of Western/American heritage.
- cultural diversity, the validity of other cultures and the social and political ramifications of cultural integration globally and at home.
- religions including Catholicism, and of the philosophical and religious basis of Catholic values.
- the philosophical foundations of ethics.
- current professional ethical norms or expectations.
- St. Vincent de Paul, the Vincentian tradition and corresponding values;
- social justice and what students can do on behalf of those in need to create positive community change.

Niagara University is committed to academic excellence and service in both the liberal arts and professional education and prepares students to think and act in the world as engaged citizens and responsible leaders. Emphasizing active, integrative learning, the general education curriculum develops in students the intellectual and ethical foundation that will enable them to search for, create, and assess solutions to real-life problems in the local and global community.



Foundation Courses (Nine Courses)

- *Writing and Thinking – Writing 100*

Writing 100 is a one-semester seminar taken by all first-year students in their first year of studies. In all sections, writing is taught as a means of acquiring as well as expressing ideas. Students receive instruction and practice in analysis and argument, in revision, and in the use and acknowledgement of sources. The emphasis in class is on developing ideas and refining them through writing.

- *Introduction to Literature – English 100*

Students will be encouraged to become lifelong readers through examining the basic structural, stylistic, and thematic elements that govern various genres and modes in literature. In reading, discussing and then presenting written analysis, in expository and argumentative papers, students will continue to develop their abilities in analysis and presentation of self-interpretive and researched conclusions.

- *Religious Studies*

The religious studies program at Niagara is designed to assist students to understand the religious dimension of human life as it influences persons, cultures and the world. The goals include development of an understanding of the Judeo/Christian tradition in the spirit of the Catholic and Vincentian heritage of the university. This is accomplished through the exploration of unity and diversity in the dialogue between Christianity and the world religions by study of sacred texts, beliefs, symbols, rituals and communities. The program also explores how religion entails an ethical response to the personal, social, cultural and political problems of our time.

REL 101 – Introduction to Religion or

REL 103 – Introduction to Christianity

Two religion electives (200 or 300-level courses)

- *America and the Contemporary World – HIS 199*

Interpretive overview of developments affecting America and Americans during the turbulent years since World War II. Examines the nation's rise as a global superpower, the expanding role of government, and related political, economic, scientific, social and cultural developments. Provides perspective on our future by evaluating the impact of developments on fundamental American values.

- *Philosophy*

Philosophy pursues wisdom. It is concerned with the ultimate causes of the universe and human existence, together with a practical understanding of how we ought to live in that universe. The university considers a unified vision of humanity and the universe as fundamental to a Niagara education. To acquire the basic philosophical knowledge leading to this unified vision, all Niagara students are required to take:

PHI 105 – Introduction to Philosophy

PHI 206 – Ethics

300-level elective course

General Education - Distribution Courses (11 courses - three credits each)

- *Three analytical/skills courses (AS)*

Taken from courses in CIS, MAT (excluding MAT106), SPK, ASL, foreign languages/languages other than English (excluding those taught in English), and other "skills" designated courses. One must be a math (MAT) course.

(The above courses may be specified by departments for their majors, excluding courses bearing a student's major designation. No courses bearing a student's major designation may appear in the general education distribution unless specified by accreditation and/or registration requirements. Each course fulfills only one requirement.)

- *One diversity course (CD)*

Must focus on one of the following areas:

- A. African, Asian, Caribbean, Latin American, Middle Eastern, Oceanic peoples, cultures, politics, or societies (or combinations of two or more of those in comparison to a Western culture provided the majority of the course concerns the non-Western culture). Such course shall have its primary focus on the social institutions, history, culture, literature, arts, philosophy, religion, values, politics, or economic development in these regions.
- B. A minority American culture such as those identified by race or ethnicity, gender, sexual orientation, or physical disability.
- C. The process of racism or discrimination or cross-cultural interaction.

- *One natural science course (NS)*

These shall be graded courses concerned with our knowledge of the physical, chemical and biological aspects of the natural world that have been gained by the scientific approach to human understanding. The scope of the natural sciences ranges from the behavior of the smallest subatomic particles to the origin and fate of the extant universe. Emphasis is placed on the investigative methods (experimental and observational) that natural scientists use to advance our comprehension of these phenomena. The scientific study of humankind is treated from the perspectives of the physical, chemical and biological processes that:

- (1) contribute to the form and function of humans and human populations; and
- (2) result in practical applications of scientific and technical knowledge that influence the human condition.

- *One social science course (SS)*

Whereas the humanities are concerned with human beings as individuals, the social sciences are concerned with human beings in general and in their relationships to one another. Within the subject field, social science disciplines are differentiated by their concentration on certain contexts of social behavior - economical, political, social, or behavioral. To the extent that their subject matters permit, the social sciences also are characterized by efforts to develop a theoretical foundation for their disciplines and for their use of controlled experimentation

or systematically acquired observational and statistical data as a means of acquiring empirical knowledge.

- *One humanities course (H)*

These courses will embrace areas of human knowledge that possess the following elements: central concern for human beings rather than for the processes of nature or the structures of society; primary focus on the individual rather than the group; awareness of how we know what we know; attention to moral values, whether drawn from God, humans, or nature; and insistence that the process of intellectual growth calls for forthright moral judgments as an equal partner with accurate descriptive knowledge.

Study of the humanities yields a liberally educated person who remains an active independent learner; stands on a system of values that demands the application of ethical concerns to action and that accepts the presence of alternate value systems in others; understands the cultural milieu of modern society; possesses skills in analysis and synthesis, critical thinking, reading, writing, and speaking; and welcomes productive work that calls for continually developing capacities for the flexibility in changing the direction of careers over a lifetime of work.

- *Four free electives*

Other requirements:

- (1) There will be three writing-intensive (WI) courses required of each student. These courses require at least 15 pages of finished writing. (WRT 100, ENG 100 and one major course, designated WI course)
- (2) All students must take at least one course with a “learn and serve” component.



Policies Governing General Education

Religious studies and philosophy courses may be taken to fulfill distribution requirements provided they are acceptable to the dean.

The history requirement may not be waived by precollege courses or scores on advanced placement tests.

Credit Requirements

While most degrees require a minimum of 40 course units and 120 semester hours, degrees with an asterisk listed below currently require additional hours, which may result in an overload tuition charge during one or more semesters.

Majors

*B.B.A. Accounting – Business Administration

B.A. Adolescence Education

– with teacher certification, English 7-12

B.A. Adolescence Education

– with teacher certification, Mathematics 7-12

B.A. Adolescence Education

– with teacher certification, Social Studies 7-12

B.A. Adolescence Education

– with teacher certification, Spanish 7-12

B.A. Adolescence Education

– with teacher certification, French 7-12

B.S. Adolescence Education

– with teacher certification, Biology 7-12

B.S. Adolescence Education

– with teacher certification, Chemistry 7-12

B.A. Adolescence and Special Education

– with teacher certification, English 7-12 and Teaching Students with Disabilities 7-12

B.A. Adolescence and Special Education

– with teacher certification, Mathematics 7-12 and Teaching Students with Disabilities 7-12

B.A. Adolescence and Special Education

– with teacher certification, Social Studies 7-12 and Teaching Students with Disabilities 7-12

B.A. Adolescence and Special Education

– with teacher certification, Spanish 7-12 and Teaching Students with Disabilities 7-12

B.A. Adolescence and Special Education

– with teacher certification, French 7-12 and Teaching Students with Disabilities 7-12

B.S. Adolescence and Special Education

– with teacher certification, Biology 7-12 and Teaching Students with Disabilities 7-12

B.S. Adolescence and Special Education

– with teacher certification, Chemistry 7-12 and Teaching Students with Disabilities 7-12

*B.S. Biology – Arts and Sciences

– recommended for preprofessional students

*B.S. Biology – Arts and Sciences

– concentration in biotechnology

*B.S. Biochemistry – Arts and Sciences

– recommended for premedical studies

A.A.S. Business – Business Administration
 B.S. Business and Marketing Education
 – with teacher certification, 5-12
 *B.S. Chemistry – Arts and Sciences
 *B.A. Chemistry – Arts and Sciences
 B.A. Childhood Education
 – with teacher certification, 1-6
 B.A. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 English 5-9
 B.A. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 Mathematics 5-9
 B.A. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 Social Studies 5-9
 B.A. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 Spanish 5-9
 B.A. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 French 5-9
 B.S. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 Biology 5-9
 B.S. Childhood and Middle Childhood Education
 – with teacher certification, Childhood 1-6 and
 Chemistry 5-9
 B.A. Childhood and Special Education
 – with teacher certification, Childhood 1-6 and
 Teaching Students with Disabilities 1-6
 *B.S. Commerce – Business Administration
 B.A. Communication Studies
 B.S. Computer and Information Science – Arts and Sciences
 B.S. Criminology and Criminal Justice – Arts and Sciences
 B.A. Early Childhood and Childhood Education
 – with teacher certification, B-6
 B.A. Middle Childhood and Adolescence Education
 – with teacher certification, English 5-9 and 7-12
 B.A. Middle Childhood and Adolescence Education
 – with teacher certification, Mathematics 5-9 and 7-12
 B.A. Middle Childhood and Adolescence Education
 – with teacher certification, Social Studies 5-9 and 7-12
 B.A. Middle Childhood and Adolescence Education
 – with teacher certification, Spanish 5-9 and 7-12
 B.A. Middle Childhood and Adolescence Education
 – with teacher certification, French 5-9 and 7-12
 B.S. Middle Childhood and Adolescence Education
 – with teacher certification, Biology 5-9 and 7-12
 B.S. Middle Childhood and Adolescence Education
 – with teacher certification, Chemistry 5-9 and 7-12
 B.A. English – Arts and Sciences
 – general English concentration
 B.A. French – Arts and Sciences
 A.A. General Studies – Arts and Sciences

B.A. History – Arts and Sciences
 B.S. Hotel and Restaurant Management
 B.A. International Studies – Arts and Sciences
 B.A. Life Sciences – Arts and Sciences
 *B.A. Mathematics – Arts and Sciences
 *B.S. Mathematics – Arts and Sciences
 B.S. Nursing – Arts and Sciences
 B.A. Philosophy – Arts and Sciences
 B.A. Political Science – Arts and Sciences
 A.S. Pre-Engineering – Arts and Sciences
 B.A. Psychology – Arts and Sciences
 B.A. Religious Studies – Arts and Sciences
 B.A. Social Sciences – Arts and Sciences
 B.S. Social Work – Arts and Sciences
 B.A. Sociology – Arts and Sciences
 B.A. Spanish – Arts and Sciences
 B.S. Sports Management
 B.A. Teaching English to Speakers of Other Languages
 – with teacher certification in TESOL K-12
 *B.F.A. Theater Studies – Arts and Sciences
 B.S. Tourism and Recreation Management

Minors

College of Arts & Sciences

Actuarial Science
 Africana Studies
 Art History
 Biology
 Black Families Study
 Catholic Studies
 Chemistry
 Communication Studies
 Computer and Information Sciences
 Computer Crime
 Criminology and Criminal Justice
 Dance
 English
 Environmental Studies
 Fine Arts
 Fraud Examination and Economic Crime
 French
 Gerontology
 History
 International Studies
 Italian Studies
 Justice and Peace Studies
 Latin American Studies
 Law and Jurisprudence
 Mathematics
 Military Science
 Natural Science
 Philosophy
 Political Science
 Psychology
 Religious Studies
 Scientific Computing
 Social Science
 Social Work

Sociology
Spanish
Studio Arts
Theater Studies
Women's Studies
Writing Studies

College of Business Administration

Accounting
Economics and Finance
Fraud Examination and Economic Crime
General Business
Human Resources
International Business
Leadership
Logistics and Transportation
Management
Marketing

College of Hospitality and Tourism Management

Hotel Management
Recreation and Sports Management
Restaurant Management
Tourism Management

Professional Requirement – College of Education

Successful completion of all degree requirements in the College of Education leads to a bachelor's degree and fulfills partial requirements for New York state provisional teacher certification. In order to provide this benefit, the College of Education includes professional requirements in its curriculum. For specific course information refer to the section on the College of Education.

Graduate Divisions

Niagara University offers advanced courses of study and research through its graduate divisions. These courses are offered primarily for those holding a baccalaureate degree from an approved institution of higher learning and who wish to become candidates for higher degrees.

The Graduate Division of Arts and Sciences: This division offers curricula leading to the master of science (M.S.) degree in criminal justice administration. The program is designed for those who are currently working full time in criminal justice who seek a further education in the field, and those who plan to pursue criminal justice-related careers in operations, research and teaching.

The Graduate Division of Business Administration: Niagara University's mission is to provide quality education in the liberal arts tradition. The liberal arts nature of the institution is supported by an upgrading of the M.B.A. program. The multidisciplinary pedagogical approach of the M.B.A. program provides leading-edge thinking in the graduate-level business curriculum. This approach is the driver of curriculum change in business programs today, and it characterizes the core of Niagara University as a liberal arts institution. That essence is imbedded in the M.B.A. design and curriculum in half of the courses and drives the overall spirit of the program (in contrast to the functional, "knowledge-silo" approach of the

past, often still represented in business programs today). The curriculum change is consistent with past university efforts to meet the needs of both traditional students and of less traditional students: the full-time working student, the part-time working student, the adult learner, the learner who needs a college completion program. The revised M.B.A. curriculum is consistent with Niagara University's commitment to education as a primary instrument for the elimination of poverty through the development of human capital skills. Niagara University's degree programs in business, graduate and undergraduate, are AACSB accredited by the International Association for Management Education.

The Graduate Division of Education: This division offers a master of arts (M.A.) degree in foundations and teaching and a master of science (M.S.) degree in mental health counseling.

The master of science in education (M.S.Ed.) degree is offered in the following concentrations: foundations and teaching, foundations of inclusive education, literacy instruction, administration and supervision, school business administration, and school counseling.

The Ontario Ministry of Education has awarded Niagara University ministerial consent to offer courses in its master's degree programs in foundations and teaching, foundations of inclusive education, administration and supervision and school counseling in selected extension sites in Ontario.

The M.S.Ed. degree is also offered in teacher education for students who have a baccalaureate degree in the liberal arts from an accredited institution of higher learning. The M.S.Ed. degree program in secondary teacher education prepares its graduates for certification to teach an academic subject in New York state. The M.S.Ed. degree in elementary teacher education prepares its graduates for certification in New York state.

Both degrees fulfill partial requirements for provisional certification to teach in New York state. The M.S.Ed. may also be used to fulfill the requirements for a master's degree for permanent certification in New York state.

The Ontario Ministry of Education has accepted Niagara University's graduate degree programs in elementary (primary, junior grades) and secondary education (intermediate, senior grades) for the Letter of Eligibility to teach in Ontario.

The Advanced Certificate Program: Niagara University offers advanced certificate programs to prepare students to qualify for provisional or permanent New York state certification as a school district administrator (S.D.A.), a school business administrator (S.B.A.), a school administrator and supervisor (S.A.S.), or as a school counselor.

Niagara University's degree programs in education, graduate and undergraduate, are accredited by the National Council for Accreditation of Teacher Education (NCATE). The advanced certificate programs in education are also NCATE accredited. Niagara University is one of the five institutions of higher education in New York state that have achieved NCATE accreditation.



The Academic Exploration Program

For students exploring majors

Antonia B. Knight, Director
www.niagara.edu/aep

Recently rated among the top programs of its kind by the National Academic Advising Association (NACADA), the Academic Exploration Program (AEP) helps students identify their interests, abilities and values to make an educated and confident major selection. AEP has been recognized by NACADA with an Outstanding Institutional Advising Award and the director received the Outstanding Advising Administrator Award. AEP strives to provide the most innovative and best advisement for students, and consequently attracts 15%-20% of the incoming freshman class each fall. Advisers in AEP provide a supportive environment that encourages student academic success by working closely with all support services on campus to aid in the transition to college life.

Mission

The mission of the Academic Exploration Program is to provide a learning experience using resources from all areas on campus. Through individualized guidance, AEP creates an environment that fosters self-discovery. Students participate in the exploration process in order to select a major that supports their career goals.

Goals

The goal of the Academic Exploration Program is to provide students with a systematic approach for discovering their interests, develop a career plan, and select a major. AEP also provides students with information regarding campus programs and resources to enrich their college experience. AEP's ultimate goal is to empower students by providing opportunities to foster independence.

Program

Students have the opportunity to meet monthly with a professional adviser. During these monthly meetings the adviser and the student explore the student's abilities, interests, values and work experiences. Together they select courses that allow the student to research areas of interest identified by these discussions. These courses are in majors they are exploring while fulfilling university requirements.

The exploration process begins with a variety of computer interest inventories. Students also have the opportunity to interview university professors and career professionals in their areas of interest. In addition, they may participate in campus career fairs, research internet links to majors, attend a lecture of a major interest and discuss what they learned with their adviser. By narrowing down their interests the adviser can provide students with major and minor suggestions to review.

Students select AEP as their major upon application to the university or they may transfer into AEP from a declared major; after completing an interview with the director. Students who have selected a major and have the required grade point average may transfer into their desired major any time during their first four semesters. Students are expected to transfer to their major by their fourth semester.

AEP lets you make life changing decisions and affirms your individual talents. It is the way to sample the rich variety of academic life before declaring a major. As an AEP participant, support, resources and guidance are always available to you.





College of Arts and Sciences

Nancy E. McGlen, Ph.D., Dean

www.niagara.edu/coas

Mission

The College of Arts and Sciences seeks to provide a learning environment where students are offered opportunities for intellectual and personal growth through a variety of programs and courses in the liberal arts and sciences. Committed to excellence in teaching and research, dedicated faculty encourage all students to develop their intellectual, moral and spiritual potential.

Goals

Faculty in the college work closely with all students to:

Instill a dedication to academic excellence.

Foster a lifelong commitment to learning.

Establish the educational foundation needed for graduate and professional school and for careers in the 21st century.

Encourage the formation of ethical and moral values in the spirit of St. Vincent de Paul.

Learning Outcomes

To achieve these goals, students in all academic programs in the college graduate with the ability to do the following:

- 1) Engage in critical thinking appropriate to their discipline.
- 2) Use information literacy skills, including research skills, appropriate to their major.
- 3) Communicate effectively in their discipline.
- 4) Work with others in their discipline.
- 5) Apply ethics appropriate for their major.
- 6) Use technological skills appropriate for their major.
- 7) Demonstrate awareness of key concepts, theories and/or knowledge of their discipline.
- 8) Integrate and apply key principles and concepts of their discipline.

Degree Programs

Academic Majors: The College of Arts and Sciences offers 16 majors leading to a bachelor of arts (B.A.) degree: chemistry, communication studies, English, French, history, international studies, liberal arts, life sciences, mathematics, philosophy, political science, psychology, religious studies, social sciences, sociology, and Spanish. There is one major leading to the bachelor of fine arts (B.F.A.) degree in theater studies.

There are seven majors leading to a bachelor of science (B.S.) degree: biochemistry, biology, chemistry, computer and information sciences, criminology and criminal justice, mathematics, and social work.

The college also offers an associate in science (A.S.) degree in pre-engineering, an associate of arts (A.A.) degree in general studies, a five-year BS/MS program in criminology and criminal justice, and a B.S. degree completion program in nursing for individuals with an R.N. from an accredited nursing program.

The College of Education and the College of Arts and Sciences jointly administer bachelor degree programs leading to provisional New York State teacher certification in seven general levels:

- 1) Early Childhood and Childhood (Birth to Grade 6)
- 2) Childhood (Grades 1-6)
- 3) Childhood and Middle Adolescence (Grades 1-9)
- 4) Middle Adolescence and Adolescence (Grades 5-12)
- 5) Adolescence (Grades 7-12)
- 6) Special Education and Childhood (Grades 1-6)
- 7) Special Education and Adolescence (Grades 7-12)

Degree programs leading to provisional certification in middle adolescence or adolescence are offered in biology, chemistry, English, French, mathematics, social studies, and Spanish. Students in the early childhood or childhood education programs must pursue an academic concentration of study in biology, chemistry, English, French, Spanish, liberal arts, mathematics, or social studies. Details on the degree programs are described in the catalog in the College of Education section and under the respective departments.



Academic Minors: Students enrolled in a degree program in the College of Arts and Sciences are encouraged to obtain an academic minor in a field of study outside their major. The minor allows students to supplement their major field with a coherent sequence of courses which will provide substantive knowledge in a field ancillary to their major, extend knowledge in another area of interest, and develop an interdisciplinary outlook. An academic minor is also an important credential in a job market that values creativity and flexibility.

The College of Arts and Sciences offers academic minors in actuarial science, art history, biology, black families studies, Catholic Studies, chemistry, communication studies, computer and information sciences, computer crime, criminology and criminal justice, dance, design technology, English, environmental studies, fine arts, fraud examination and economic crime, French, gerontology, history, international studies, Italian Studies, justice and peace, Latin American studies, law and jurisprudence, mathematics, military science, natural science, philosophy, political science, psychology, religious studies, scientific computing, social sciences, social work, sociology, Spanish, statistics, studio arts, theater studies, women's studies, and writing studies. Academic minors in the College of Arts and Sciences are open to all students in the university.

The requirements for these academic minors, which consist of five or six courses, are listed in the catalog under the respective departments. Interdisciplinary minors and their requirements are described in the catalog section for each minor. Courses in the distribution and the religious studies and philosophy courses in the foundations core may be applied toward the minor. The other courses in the foundation core may not be applied toward a minor. One-half of the minor course work must be outside the major.

Students who intend to pursue a minor must complete a minor application (available in the office of the dean of their college) which must be approved and signed by their major adviser, minor adviser and the dean of their college.

In the College of Arts and Sciences, almost all students will be able to complete their major and a minor within the minimum required 40 course/120 semester hours. In some instances, however, additional courses may be required in order to complete the major/minor sequence. Students seeking to acquire a second major may have to take additional courses beyond the 40 course/120 semester hours.

Curriculum

To receive an associate's degree, a candidate must satisfy the degree requirements for the program and have a 2.00 QPA overall and in his/her concentration. To receive a bachelor's degree, a candidate must satisfy the curriculum requirements as specified by the major department, maintain a 2.00 or better QPA overall and in his/her major, complete the specified number of course units, and be certified by the major department as competent in the major. Social work majors must earn a C or better in their preprofessional courses and

have a 2.5 QPA overall and in their preprofessional sequence.

Bachelor of arts, bachelor of science, and bachelor of fine arts degree programs in the College of Arts and Sciences consist of 40 course units; 20 courses are in general education and 20 are in the major. General education courses consist of nine foundation courses common to all Niagara University students and a distribution component which ensures that every student is exposed to the principal areas of knowledge in the liberal arts (see general education). Major requirements are listed under the respective departments.

Internship/Co-op Programs

Individual departments in the College of Arts and Sciences offer a wide variety of internship and co-op programs. These programs allow students to attain work experience in non-profit and business organizations and in national, state and local governments. Students who participate in an internship or co-op often find their work experience is helpful in securing a job after graduation. Academic credit is available for most of the internships and co-ops. Students interested in either an internship or co-op must see their adviser for approval.

Study Abroad

Several opportunities to study in another country are available to students in the College of Arts and Sciences. Students interested in pursuing study abroad should discuss the options available to them with their adviser and the director of study abroad. See the study abroad section of the catalog.

Associate Degree Programs

Requirements for the associate in arts in general studies and the associate in science in pre-engineering are described in the chapter on academic departments. (See general studies and pre-engineering.)

Student Research

Individual departments in the College of Arts and Sciences offer many opportunities to conduct research under the guidance of a faculty member. Academic credit is available for many of the research experiences. Students interested in doing research should see their adviser.



Africana Studies

Minor

Todd Schoepflin, Ph.D., Coordinator
tas@niagara.edu

Goals

For centuries African people and culture have been at the center, not the periphery, of human history. The interdisciplinary nature of Africana Studies has employed a variety of disciplines including genetics, archeology, linguistics, history, political science, literature, sociology and others to illustrate the significance of this historical fact. In addition to knowledge of the cultural and historical richness of the African Diaspora, remains the necessity for applied methods of social change. The goal of the Africana Studies Minor is to prepare students to become leaders, organizers and innovators of social change. The core content of the minor emphasizes teaching students to apply cultural, historical and political concepts to real world experience regardless of the career path. The minor incorporates classroom, real-world and study abroad opportunities to empower students to understand and experience the African diaspora.

Program

The Africana Studies Minor requires three major courses and a selection of two courses from the listed electives.

Required Courses

AFS 2XX	Intro to Africana Studies
HIS 273	Rise of Black America
AFS XXX	Living Black History - Co-op/Internship in Africana Studies

Electives

HIS 374	Modern Africa
HIS 346	Civil Rights Movement
HIS XXX	Benin Study Abroad Seminar
SOC 231	Contemporary Black Family I
SOC 232	Contemporary Black Family II
POL XXX	African Politics
ENG XXX	African American Literature

Art History

Matthew Jackson-McCabe, Ph.D., Coordinator
mjmccabe@niagara.edu

Goals

The Liberal Arts Model Major in Art History offers a survey in world art and culture, instilling in students the ability to critically analyze stylistic developments along historic timeframes. Utilizing the rich resources of the Castellani Art Museum, centrally located on campus, students will have multiple opportunities to participate in the various components of museum activity – exhibitions, programs, events. The program is meant to help prepare students for entry-level positions in museums, galleries, or other arts organizations, but also to prepare them for continued academic work at the Masters and Ph.D. levels.

Program.

Students may elect to complete the major with either the two-discipline or three-discipline track. Students electing the two-discipline track will select six courses in Art History and five in History. Students that opt for the three-discipline track will select five Art History courses and three courses in two of the following fields: History, Communications Studies, or English. All students will be required to complete the Liberal Arts Seminar (LAM 499 or LAM 403/404). At least two courses beyond the Senior Seminar 499 must be at the 300 or 400 level.

In addition to coursework required by the Art History Model Major, students will also be required to complete all requirements of the Liberal Arts Program. For specific degree requirements unique to the Liberal Arts Program, consult the description of the program in this catalogue.

Art History

FAA 201	19th Century Art
FAA 202	20th Century Art
FAA 207	Women in Art
FAA 210	Issues in Contemporary Art History
FAA 230	Prehistoric to Gothic Art
FAA 231	14th to 19th Century Art
FAA 232	Renaissance Art and Culture
FAA 240	Independent Study in Fine Arts (research project)
FAA 352	Museum Studies
LAS 201	Latin American Art of the Twentieth Century

History

HIS 101	Western Civilization I
HIS 102	Western Civilization II
HIS 103	History of the United States I
HIS 104	History of the United States II
HIS 301	Ancient History
HIS 303	The Renaissance

Communications Studies

CMS 300	Art and History of Film
CMS 350	Mass Media and Culture
CMS 222	Writing for the Web
CMS 224	Freelance and Feature Writing
CMS 226	Specialty Journalism

English

ENG 207	Masterpieces of World Literature
ENG 221	Creative Writing
ENG 315	Greek and Roman Literature
ENG 300	Medieval Literature
ENG 301	Seventeenth Century Literature
ENG 302	The Enlightenment
ENG 303	English Renaissance Literature
ENG 305	English Romantic Poetry
ENG 306	Victorian Poetry
ENG 307	The Modern Age Through Contemporary Literature



Department of Biology

Robert S. Greene, Ph.D., Chairperson

www.niagara.edu/biology

Goals

The goals of the biology department are:

- (1) To provide preprofessional education and training for students of medicine, dentistry, veterinary, pharmacy, optometry and other health sciences.
- (2) To provide students with an integrated contemporary knowledge of biology to prepare for graduate degrees and careers in research, industry, education and business.
- (3) To provide high-quality, laboratory-rich learning environments where students learn by doing experiments, analyzing data and drawing conclusions.
- (4) To provide opportunities for interested and qualified students to participate in meaningful and significant research under faculty guidance.
- (5) To provide an opportunity for students to gain skills in searching the literature, interpreting data, and organizing and giving a presentation in a supportive environment of their mentors and peers.

3 Degree Programs Leading to Exceptional Career Opportunities

- Bachelor of Science Degree in biology with highly desirable and competitive opportunities for students interested in medicine, dentistry, veterinary, pharmacy, and optometry pre-professional training, graduate study in biology, and job opportunities in biotechnology.
- Bachelor of Arts in Life Sciences with options to develop interdisciplinary degrees with minors in business and marketing, criminal justice, law and chemistry.
- Bachelor of Science in biology with professional teaching certificate for elementary and secondary grades.

Students planning to major in biology must successfully complete for credit a minimum of 11 courses in the department. A biology major begins the program with the introductory block of BIO 121/123 and 122/124 during the freshman year. This sequence must be completed before a biology major will be permitted to register for biology courses numbered 200 or higher. After completion of the freshman year, in consultation with a faculty adviser, a student will construct a program that will include at least nine additional courses as are deemed appropriate to the student's interest and career plans.

The department of biology also offers qualified premedical students the opportunity to apply for the State University of Buffalo Medical School's Early Assurance Program or the Lake Erie College of Osteopathic Medicine "3+4" program. Pre-pharmacy students who are qualified have the opportunity

to apply to the Lake Erie College of Pharmacy “2+3” program. In addition the department offers qualified pre-pharmacy and pre-dental students “3+4” programs in conjunction with the State University of Buffalo Dental School and School of Pharmacy.

B.S. - Biology Arts & Sciences
Recommended for premedical, preidental, and other health preprofessional students.

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
BIO 121-122 General Biology	2
BIO 123-124 General Biology Laboratory	
Biology electives with lab	3
BIO 334 Cell Biology	1
Biology electives with lab	3
Biology electives	2
CHE 111-112 General Chemistry	2
CHE 113L-114L General Chemistry Laboratory	
MAT 111 Calculus I	1
BIO 401/402 Biology Seminar	1
PHY 121 General Physics	1
Advised electives	4
Total Program:	40

Preprofessional students such as premedical, preidental and veterinary should take MAT 111-112, CHE 111-112, CHE 221,222 and PHY 121,122 to meet the entrance requirements for most professional schools. MAT 112, CHE 221-222, and PHY 122 should be taken as advised electives or as electives in the distribution courses. Premedical students ordinarily major in biology, chemistry or biochemistry.

B.S. - Biology Arts & Sciences
Concentration in biotechnology

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
BIO 121-122 General Biology	2
BIO 123-124 General Biology Laboratory	
BIO 212 Microbiology	1
BIO 334 Cell Biology	1
Biology electives II or III	1
BIO 401/402 Biology Seminar	1
BIO 435 Plant Physiology	1
BIO 436 Molecular Genetics	1
BIO 391-392 Bioanalytical Techniques	2
Biology electives	2
CHE 111-112 General Chemistry	2
CHE 113L-114L General Chemistry Laboratory	
MAT 111 Calculus I	1
PHY 121 General Physics	1
Advised electives	4
Total Program:	40

B.S. - Biology Arts & Sciences
Concentration in bioinformatics

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
BIO 121-122 General Biology	2
BIO 123-124 General Biology Laboratory	
BIO 222 Bioinformatics I	1
BIO 334 Cell Biology	1
Biology electives II or III	3
BIO 401/402 Biology Seminar	1
BIO 422 Bioinformatics II	1
Biology electives with lab	2
CHE 111-112 General Chemistry	2
CHE 113L-114L General Chemistry Laboratory	
CHE 486 Biochemical Molecular Modeling	1
MAT 111 Calculus I	1
PHY 121 General Physics	1
Advised electives	4
Total Program:	40

B.A. - Life Sciences Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
BIO 121-122 General Biology	2
BIO 123-124 General Biology Laboratory	
Biology electives	8
BIO 401/402 Biology Seminar	1
CHE 111-112 General Chemistry	2
CHE 113L-114L General Chemistry Laboratory	
CIS 132 Introduction to Computer and Information Science with BASIC	1
MAT 102 Introductory Statistics	1
PHY 101-102 Introductory Physics	2
Advised electives	3
Total Program:	40

B.S. Biology Education
With teacher certification, adolescence 7-12, 5-12

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Professional Requirement	9

Major Requirement		11
BIO 121-122	General Biology	2
BIO 123-124	General Biology Laboratory	
BIO 210	General Botany and Laboratory	1
BIO 212, 213L	Microbiology and Laboratory	1
BIO 231-232 and 233L, 234L	Human Anatomy and Physiology and Laboratory	2
BIO 312	Ecology*	1
BIO 246	Genetics and Laboratory	1
CHE 111-112	General Chemistry	2
CHE 113-114	General Chemistry Laboratory	
MAT 109 or 111	Precalculus or Calculus I*	1
PHY 121-121L	General Physics* and Laboratory	1
	Earth science elective*	1

Electives to be chosen from the following:

BIO 432	Developmental Biology and Laboratory
BIO 433	Microscopic Anatomy and Laboratory
BIO 334 or	Cell Biology
CHE 345/7	Biochemistry I and Laboratory
CHE 346/8	Biochemistry II and Laboratory

Total Program: 40

*BIO 312 Ecology and the earth science elective must be taken as free electives in the distribution component along with PHY 101 Introductory Physics or PHY 121 General Physics for the natural science elective, and MAT 109 Precalculus or MAT 111 Calculus I for the mathematics elective.

A college-level (three credit-hour) foreign language other than English is required for New York state certification.

B.S. Biology Education

With teacher certification, B-6, 1-6, 1-9

General Education Requirement		20
<i>See General Education</i>		
Foundation Courses	9	
Distribution Courses	11	
Professional Requirement		9
Major Requirement		10
BIO 121-122	General Biology	2
BIO 123-124	General Biology Laboratory	
BIO 210	General Botany and Laboratory	1
BIO 212, 213L	Microbiology and Laboratory	1
BIO 231-232 and 233L, 234L	Human Anatomy and Physiology and Laboratory	2
BIO 312	Ecology	1
MAT 102	Introductory Statistics*	1
CHE 111-112	General Chemistry	2
CHE 113-114	General Chemistry Laboratory	
	Earth science elective	1

Total Program: 41

*MAT 102 Introductory Statistics must be taken in the distribution component as the mathematics elective.

A college-level course (three credit hours) in English, mathematics, science, social studies and a language other than English is required for New York state certification for elementary grades.

Minor - Biology

BIO 121/123 122/124	General Biology and laboratory	2	<i>Units</i>
	Four other courses (200 level and above, two with labs) with the advisement of the biology department chairperson	4	
Total Minor Units		6	

Courses

*indicates courses which cannot be challenged.

BIO 101 Human Biology (NS)

A study of the basic functions of the human body in health and disease. This course is designed to increase the student's understanding of elementary human physiology. It will emphasize the functional aspects of the body at the cellular, organ, and organ system levels. It is designed as a terminal nonlaboratory course for nonscience students.

- three semester hours

BIO 102 Introduction to Biology for Nonmajors (NS)

A study of the basic principles of biology dealing with plants and animals. The course includes a laboratory and is designed for non-science majors with no prior college biology courses. Two semester hours of lecture and one semester hour of laboratory each week.

- three semester hours

BIO 103 Environmental Biology (NS)

An introductory course in which the functioning of ecosystems is explored and related to environmental problems. The course stresses current topics of local and global interest with emphasis on how to obtain, understand, and interpret information pertaining to environmental issues.

- three semester hours

BIO 104 Human Genetics (NS)

An introductory course for nonscience majors describing the fundamental principles of genetics and how they apply to humans. The nature of the gene, genetic technologies and the implications of genetics for individuals in modern society are prominent aspects of the course. It is intended for students who have had high school courses in biology and chemistry.

- three semester hours

BIO 105 Introduction to Environmental Toxicology

In this course, students will be introduced to the basic concepts of toxicology, as they apply to understanding how environmental contaminants pose risks to human health and the environment. This course is intended for non-biology majors.

- three semester hours

BIO 121-122 General Biology (NS)

A treatment of basic principles of life, and of life-related phenomena; offers a broad base for advanced study by biology and natural science majors. (Designed to be taken sequentially.)

- six semester hours

BIO 123-124 General Biology Laboratory

This laboratory is designed to be taken concurrently with BIO 121-122 and includes an investigative approach to the study of all living organisms.

- two semester hours

BIO 210 Botany and Laboratory (NS)

A study of the basic principles of botany, and a survey of the plant kingdom with emphasis on the morphology and physiology of higher plants.

- four semester hours

BIO 212 Microbiology (NS)

A study of the basic principles of microbiology involving pathogenic and nonpathogenic organisms and their relation to medicine, sanitation, agriculture, and industry. Laboratory study concerned with the morphology and physiology of microorganisms, and with their application in identification. Must be taken concurrently with laboratory.

- three semester hours

BIO 213L Microbiology Lab

Laboratory study concerned with the morphology and physiology of microorganisms, and with their application in identification.

- one semester hour

BIO 222 Bioinformatics I (NS/AS)

Bioinformatics is the study of biological phenomena and the data generated from such studies with the assistance of computers. Bioinformatics relies on computers for the acquisition, storage, analysis, manipulation, management and dissemination of biological information. This is an introductory course to the problems and promise in this field.

- three semester hours

BIO 231-232 Human Anatomy and Physiology I and II (NS)

A unified study of the structure and function of the human body. The course will survey the anatomy and physiology of the major types of human cells, tissues, organs and organ systems. An understanding of the human body as a self-regulated, dynamic community of interrelated living parts will be emphasized. Designed to be taken sequentially. Must be taken concurrently with laboratory.

- six semester hours

BIO 233 & 234 Human Anatomy and Physiology Lab I and II

The laboratory involves a series of student-performed exercises designed to illustrate, by observation and experimentation, the major concepts of human anatomy and physiology. Designed to be taken sequentially. Must be taken concurrently with lecture.

- two semester hours

BIO 246 Genetics and Laboratory (NS)

Prerequisite: BIO 121-124

A study of Mendelian genetics and the molecular biology of the gene. Basic principles of genetics, as they apply in plants and animals, are studied in the laboratory with special emphasis on *Drosophila*.

- four semester hours

BIO 302 Nature Study (NS)

Prerequisite: Education 236 or permission of instructor

This course fosters a personal, hands-on approach to understanding the natural world. It is designed to help the student become a better observer, communicator, and educator in the field of nature study. The laboratory provides opportunities to visit nature sites, conduct field studies, plan and implement educational projects, and learn from accomplished naturalists and educators. The course may include a service learning component.

- four semester hours

BIO 304 Field Ecology

A course in the ecology of local plants and their habitats, designed for the student with minimal experience in ecology. By learning basic plant structure and terminology, and the interactions between plants and the environment, the student will learn the ecology of plants in a natural setting. Course activities include field trips to areas of interest and laboratory experiments. (Taught summer only)

- three semester hours

BIO 310 Medical Botany (NS)

A survey of plants with physiologically active properties of medicinal interest. Emphasis is placed on the biology, folk uses, ethnobotany, and natural history of useful angiosperms.

- three semester hours

BIO 312 Ecology and Laboratory (NS)

A course relating ecological principles to studies in the laboratory and field. Topics include population dynamics, energy flow in ecosystems, and species interactions.

- four semester hours

BIO 315 Pharmacology (NS)

Prerequisite: BIO 231 - 232

The course is designed to introduce one to the study of the interaction of chemicals with living organisms. Pharmacology encompasses the disciplines of organic chemistry, physiology, pathology, biochemistry, and molecular biology, and as such we will investigate drug action at several levels: whole body, organ, tissue, cell, and molecular. We will discuss the intricacies of the various classes of drugs, and discuss the factors that are used to assess the safety and efficacy of a drug.

- three semester hours

BIO 316 Virology/Immunology

Prerequisite: BIO 212

The course material covers two areas of medical importance: virology, some of the predominant disease-causing agents; and immunology, our body's major defense mechanisms against disease. Topics to be covered include the history, biology, molecular structure, and evolutionary significance of the components of these two systems. The recent findings in the fields will be highlighted, as they pertain to our understanding of disease.

- three semester hours

BIO 334 Cell Biology (NS)

Prerequisite BIO 121-124 and second semester sophomore status.

A study of the cell with emphasis on the molecular aspects of cell structure and function. Biochemical processes are emphasized.

- four semester hours

BIO 337 Introduction to Oncology (NS)

The course encompasses the basic biology and clinical aspects of cancer. Topics to be covered include the history of oncology, basic cancer biology, and current concepts relative to the cause, prevention, detection, and treatment of benign and malignant neoplasias.

- three semester hours

BIO 338 Cell Physiology (NS)

A contemporary perspective on cell function drawing upon recent findings in physiology, biochemistry, biophysics, and molecular biology. The course will highlight the cellular processes that occur outside the nucleus (in the plasma membrane, organelles and cytosol). Emphasis will be placed on learning quantitative approaches to solving problems in cell physiology.

- three semester hours

BIO 345 Biometrics

Mathematics is a fundamental component of Biology. In this course, experimental design, statistics, and simple modeling are presented from a biological perspective, in preparation for thesis and post-baccalaureate research, and for preparation for employment in Biology.

- three semester hours

BIO 352 Microscopic Anatomy and Laboratory (NS)

A study of the cells and tissues, and their involvement in organ structure. Cytological and histological slides are prepared and studied in the laboratory.

- four semester hours

BIO 360 Pathophysiology and Laboratory (NS)

Prerequisite: BIO 231 or 232 with laboratory

This course is designed to correlate basic knowledge of normal physiology with dysfunction of body mechanisms. The student will gain a basic understanding of the processes of disease through study of causative mechanisms and the signs and symptoms which reflect disease.

- four semester hours

BIO 380 Genomics and Proteomics (NS)

Prerequisite: BIO 121-123, 222

Genomics and Proteomics is the detailed study of technologies and methodologies for evaluation of genomic and protein functions. These methods are used to interpret biological regulation of DNA sequences, the RNAs that are copied from them, and the proteins that are synthesized from these RNAs. The application of these technologies to problems in biology ranging from organism development to human diseases will be discussed.

- three semester hours

BIO 391-392 Bioanalytical Techniques and Laboratory (NS)

Prerequisite: BIO 334

Lectures and laboratories will emphasize contemporary bioanalytical and biological research at the cell and molecular levels. BIO 491 will stress methods employed in studies of cell physiology. BIO 492 will emphasize DNA methods of gene recombination in prokaryotic and eukaryotic systems. Theoretical and practical competence will be developed in all techniques.

- eight semester hours

BIO 401/402 Biology Seminar (WI)

Required of all B.S. and B.A. biology majors beginning with students entering 1994/95 academic year. The goal is to assure the readiness of students for job placement, and/or entrance into professional or graduate school by assessing the students' knowledge and understanding of the field and their writing and speaking skills.

- three semester hours

• BIO 403 and 404 Honors Thesis I and II (NS/WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis on an original project, and an oral defense.

- six semester hours

BIO 432 Developmental Biology

Prerequisite: BIO 334

To provide a modern view of developmental biology unifying the approaches of cell biology, biochemistry, molecular biology, and genetics. This course is designed for students who have had one year of introductory biology, and one semester of cell biology. The communication of biological concepts, ideas, and experimentation, in verbal and written form, is an integral component of this course. The laboratory emphasizes molecular aspects of development.

- four semester hours

BIO 435 Plant Physiology (NS)

This course deals with plant physiology at an organismal level and with the physiological ecology or interactions of plants with their environment. The unique features of plant photosynthesis, water relations and metabolic processes will be studied in a variety of taxa and settings. Laboratory will include field trips to local areas of interest and experiments in the laboratory.

- four semester hours

BIO 436 Molecular Genetics (NS)

Prerequisite: BIO 246, BIO 334 or permission of the instructor.

The role of molecular regulatory mechanisms as they pertain to the structure and function of genes in eukaryotic systems, the evolution of genomes and molecular techniques are emphasized.

- three semester hours

BIO 441 Comparative Animal Physiology and Laboratory (NS)

An advanced course in physiology intended to provide in-depth coverage of functions of selected cells, tissues, organs, and organ systems. Laboratory will feature experiments using appropriate animal model systems.

- four semester hours

BIO 422 Bioinformatics II

The field of bioinformatics has developed as a result of the integration of information and approaches from a number of disciplines. This is an advanced course where one will be introduced to the challenges and projected outcomes of the field. It is expected that students entering this course are familiar with biological and computational techniques, as they will be used as the foundation for the laboratory portion of the course.

- three semester hours

BIO 445 Limnology

This course provides students with an introduction to limnology, emphasizing the physical, chemical and biological function of north temperate lakes and streams. Lecture topics include the physics and chemistry of continental waters, the major biotic communities, interactions among these communities, and interactions between humans and the aquatic environment. Laboratory exercises and field trips provide a practical introduction to the methods of aquatic sciences.

- four semester hours

BIO 485 Special Topics in Biology

This special topics course provides students with opportunities to study current topics in the biological sciences. Biology is a rapidly changing field and thus many current issues are unable to be fully addressed in traditional course offerings. This includes topics in environmental science, bioinformatics and other evolving fields. Students may repeat the course two additional times as the topic changes.

- variable credit, 1-4 semester hours

BIO 488 Internship in Aquarium Science

Prerequisite: Permission of the chairperson, 3.0 GPA in the major

Training and professional experience in care and handling of aquatic animals. Interns do 60 hours of service training, maintain log record and write a personal career evaluation based on the intern experience.

- three semester hours

BIO 489 Internship in Health Studies

Prerequisite: Permission of the chairperson, 3.0 GPA in the major

Off-campus health science work and professional experiences sponsored by an appropriate professional organization, company or private practitioner. Internships are generally unpaid and involve student commitments of 60 hours of service to the sponsoring organization and 10 class hours of didactic instruction.

- three semester hours

BIO 493, 494, 495, 496 Biology Co-op

A junior or senior work-study program providing relevant paid employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op should talk to their adviser.

- zero to six semester hours

• BIO 497, 498, 499 Independent Study

Prerequisites:

- (1) Upper class status - junior or senior.
- (2) A 3.0 GPA in the major.
- (3) The acceptance of his/her proposed work by a department faculty member.
- (4) Completed work on the project by the end of one semester - written report.

- three semester hours

Black Families Minor

Todd Schoepflin, Ph.D., Coordinator
tas@niagara.edu

Goals

The minor in black families is a sequence of courses focusing on the diverse experiences of contemporary black families and communities, with attention given to the variety of religious, political, economic, educational, and cultural experiences in black communities. In addition, students will learn about periods and themes which structure understanding of black experiences, including: African roots, European colonialism, slavery, emancipation, Reconstruction, migration, civil rights era.

Program

The minor in black families requires the completion of five courses. Students wishing to pursue the minor in black families should contact the coordinator.

	<i>Units</i>
Course Requirements	5
Core Courses (four units-12 semester hours required)	4
SOC 231-232 Contemporary Black Families in American Society	
SOC 431-432 Black Families Seminar Elective (one unit- three semester hours)	1
One course selected in consultation with the program coordinator	



Department of Biochemistry, Chemistry and Physics

Mary P. McCourt, Ph.D., Chairperson
mpm@niagara.edu
www.niagara.edu/chemistry

The department of biochemistry, chemistry and physics fosters the professional development of its students through academic excellence, enabling them to compete in a technological society. The department provides its majors with a thorough understanding of basic and modern concepts of chemistry, biochemistry and physics, the ability to analyze and apply scientific concepts to technical problems, the development of laboratory skills, and the development of a strong sense of professionalism.

The department supports scientific literacy for all majors through its participation in the university core curriculum.

Programs

The department offers several degree programs, all of which can be used to pursue different career options. A degree in chemistry or biochemistry is very versatile and can be used to pursue a variety of professional choices.

Career Options: A degree in chemistry is a gateway to many traditional careers as well as to careers in nontraditional and interdisciplinary fields.

The employment outlook for graduates with degrees in chemical sciences is markedly better than it is in other fields. According to figures published by the American Chemical Society, salaries for entry-level chemistry positions are approximately \$52,500. The latest statistics show that of chemists in the domestic workforce, only 3.3 percent were unemployed.

- **Medicine:** Biochemistry and chemistry degrees are both highly desirable for those interested in becoming physicians or dentists. The acceptance rate to professional schools for individuals with these degrees is quite high. Our students have been accepted in medical and dental schools all over the country.

- **Computational Drug Design:** The use of computers in the rational design of new drugs is at the forefront of modern drug discovery. Chemists combine traditional synthetic approaches with sophisticated graphic molecular modeling and computer-driven techniques to develop new lead compounds. All chemical and pharmaceutical companies have needs for individuals trained in this field. According to the journal *Drug Design and Discovery*, it is one of the fastest growing fields and is very well-compensated.

• **Forensic Science:** A degree in chemistry can be used to pursue careers working with law enforcement agencies. Chemists are used in the analysis of crime scene data. Scientific data is increasingly important to the outcome of trials. Chemists play a major role in this work.

• **Law:** Chemists can pursue careers in law, and a degree in chemistry is well-suited for legal studies. Chemists that go on to law school are especially well-suited for specialization in patent or environmental law and chemical liability. The increasing importance of scientific evidence in legal cases is increasing the demand for lawyers with technical knowledge.

• **Business/Technical Sales:** A chemistry degree is very useful and well-suited for management in scientific industry. Our graduates have pursued M.B.A.s to lead to careers in industries as diverse as environmental waste management and the auto industry. With appropriate selection of electives, the bachelor of arts program would permit a student to complete an MBA with an additional year of study at Niagara University.

• **Pharmaceutical Sales:** All pharmaceutical companies require individuals who are trained in science to be able to sell their products to pharmacists and physicians. Chemists and biochemists are especially well-suited to these highly desirable positions.

• **Research:** Careers in research have always been a primary career option for chemists and biochemists. Positions in the research industry need people with bachelor's, master's and Ph.D. degrees. People in research seek to solve new problems or improve product design. Our bachelor of science degrees prepare students extremely well for post-baccalaureate education in chemistry, biochemistry and molecular biology.

• **Environmental Science:** Chemists are involved in testing, remediation, emission control, chemical safety, waste management, and work in governmental regulatory agencies.

B.S. - Chemistry Arts & Sciences

The B.S. in chemistry degree program is fully approved by the American Chemical Society and is the best preparation for students planning to pursue graduate studies, or to pursue any of the career options previously listed.

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
PHY 121 General Physics I	
MAT 111 Calculus I	
MAT 112 Calculus II	
Major Requirement	20
CHE 111, 113L General Chemistry I & Laboratory	
CHE 112, 114L General Chemistry II & Laboratory	
CHE 221, 223L Organic Chemistry I & Laboratory	
CHE 222, 224L Organic Chemistry II & Laboratory	
CHE 227, 229L Analytical Chemistry & Laboratory	
CHE 331, 333L Physical Chemistry I & Laboratory	
CHE 332, 334L Physical Chemistry II & Laboratory	
CHE 338, 340L Instrumental Analysis & Laboratory	

CHE 345, 346L	Biochemistry I & Laboratory
CHE 442, 444L	Inorganic Chemistry & Laboratory
CHE 443, 445L	Advanced Organic Chemistry
CHE 468	Seminar
CHE 449L, 450L	Senior Research
	Advanced chemistry electives (2)
	Advised elective (1)
PHY 122	General Physics II

Total Program: **40**

Advanced chemistry electives should be chosen from the following list of courses: CHE 350, CHE 435, CHE 441, CHE 446, CHE 494, CHE 495, CHE 496, CHE 497. CHE 403 may be substituted for CHE 449L, 450L. Ordinarily, the laboratory work will be taken at the same time that the student covers the related work in lecture.

B.S. - Chemistry Concentration in Computational Chemistry

The B.S. in chemistry degree program is fully approved by the American Chemical Society and is the best preparation for students planning to pursue graduate studies, or to pursue any of the career options previously listed.

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
PHY 121 General Physics I	
MAT 111 Calculus I	
MAT 112 Calculus II	
Major Requirement	20
CHE 111, 113L General Chemistry I & Laboratory	
CHE 112, 114L General Chemistry II & Laboratory	
CHE 221, 223L Organic Chemistry I & Laboratory	
CHE 222, 224L Organic Chemistry II & Laboratory	
CHE 227, 229L Analytical Chemistry & Laboratory	
CHE 331, 333L Physical Chemistry I & Laboratory	
CHE 332, 334L Physical Chemistry II & Laboratory	
CHE 338, 340L Instrumental Analysis & Laboratory	
CHE 345, 346L Biochemistry I & Laboratory	
CHE 442, 444L Inorganic Chemistry & Laboratory	
CHE 443, 445L Advanced Organic Chemistry	
CHE 361, 460, 461 Seminar	
CHE 449L, 450L Senior Research	
CHE 465	BioChemical Molecular Modeling
CHE 466	Computational Chemistry
BIO 222	BioInformatics I
	Advanced chemistry electives (2)
	Advised elective (1)
PHY 122	General Physics II

Total Program: **40**

CHE 403 may be substituted for CHE449L, 450L. Ordinarily, the laboratory work will be taken at the same time that the student covers the related work in lecture.

B.A. - Chemistry

	Arts & Sciences	Units
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses	9	
Distribution Courses	11	
PHY 121	General Physics I	
MAT 111	Calculus I	
MAT 112	Calculus II	
Major Requirement		20
CHE 111, 113L	General Chemistry I & Laboratory	
CHE 112, 114L	General Chemistry II & Laboratory	
CHE 221, 223L	Organic Chemistry I & Laboratory	
CHE 222, 224L	Organic Chemistry II & Laboratory	
CHE 227, 229L	Analytical Chemistry & Laboratory	
	Chemistry electives (3)	
CHE 468	Seminar	
CHE 449L, 450L	Senior Research	
PHY 122	General Physics II	
	Advised electives (7)	

Total Program: 40

No 100-level courses may be used as chemistry electives. Candidates for the B.A. chemistry degree must complete at least six credit hours of laboratory. To fulfill the requirement for a laboratory course unit students must complete the following required laboratories: CHE 113L, CHE 114L, CHE 223L and CHE 224L. Ordinarily, the laboratory work will be taken at the same time that the student covers the related work in lecture.

Education

The future of technological advancement depends critically on the preparation of superior science teachers at the elementary and secondary levels. Through the College of Education, the department sponsors programs resulting in B.S. degrees leading to New York state provisional certification in the following areas:

- Chemistry Education, Birth–Grade 6
- Chemistry Education, Grades 1–6
- Chemistry Education, Grades 1–9
- Chemistry Education, Grades 5–12
- Chemistry Education, Grades 7–12
- Chemistry, Special Education and Childhood, Grades 1–6
- Chemistry, Special Education and Adolescence, Grades 7–12



Arts & Sciences

B.S. - Biochemistry

Concentration in bioinformatics

	Arts & Sciences	Units
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		20
CHE 111-113L	General Chemistry I & Laboratory	
CHE 112, 114L	General Chemistry II & Laboratory	
CHE 221-223L	Organic Chemistry I & Laboratory	
CHE 222, 224L	Organic Chemistry II & Laboratory	
CHE 227, 229L	Analytical Chemistry & Laboratory	
CHE 331, 333L	Physical Chemistry I & Laboratory	
CHE 345, 347L	Biochemistry I & Laboratory	
CHE 346, 348L	Biochemistry II & Laboratory	
	Biochemistry elective (1)	
CHE 468	Seminar	
CHE 449L, 450L	Senior Research	
BIO 121, 123L	General Biology I	
BIO 122, 124L	General Biology II	
PHY 122	General Physics II	
BIO 222	Bioinformatics I	
BIO 422	Bioinformatics II	
CHE 465	Biochemical Molecular Modeling	
	Science elective (1)	
	Advised elective (1)	

Total Program: 40

CHE 403 may be substituted for CHE 449L, 450L. Ordinarily, the laboratory work will be taken at the same time that the student covers the related work in lecture.

Except for extraordinary circumstances, students majoring in chemistry and biochemistry are expected to complete major program requirements in fall and spring semesters.

Courses

• indicates courses which cannot be challenged.

Chemistry

• CHE 100 Chemistry and Life (NS)

An examination of chemistry through the substances that impact our lives. This course is intended for anyone seeking to become a better-informed citizen of our technological society. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in fall semesters

• CHE 101 Introductory Chemistry (NS)

A beginning course in chemistry designed to present fundamental principles of chemical theory in the context of inorganic and some organic chemistry. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in fall semesters

• CHE 105 Chemistry and Society I: Public Affairs Chemistry (NS)

A qualitative, nonlaboratory course to relate students to their chemical environment. Classes will include discussions on present problems involving air and water pollution, energy, nuclear material and waste disposal. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in fall semesters

**CHE 106 Chemistry and Society II:
Chemistry for the Consumer (NS)**

A qualitative, nonlaboratory course that will present many popular consumer items in a chemical context. Topics will include polymers, fibers, detergents, agricultural chemicals, food, food additives and over-the-counter medication. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in spring semesters

CHE 107 Food Chemistry for Nonscientists (NS)

This course introduces the nonscience major to chemical and scientific concepts through a study of foods and food-related processes. No previous scientific training is expected. The student should also gain from the course a greater appreciation of why things are done in certain ways, while learning that some practices have absolutely no scientific basis. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in spring semesters

CHE 108 Forensic Science (NS)

A presentation of scientific and chemical principles in the context of forensic science, the application of science to law. This course is reserved for students who have no prior college-level chemistry experience.

- three credit hours
- offered in spring semesters

CHE 110 World of Chemistry (NS)

The world around us, including our own bodies, is really just a bunch of chemicals. We use them everyday without realizing it. This course will look at some of the more common uses of chemistry in our everyday lives, including food, vitamins, weight control, drugs, crime, etc.

- three credit hours
- offered in spring semesters

CHE 111 General Chemistry I (NS)

An introduction to physical and chemical principles appropriate for declared and potential science majors. Topics include stoichiometry, nuclear and electronic structure, bonding and thermochemistry.

- three credit hours
- offered in fall semesters

CHE 112 General Chemistry II (NS)

Prerequisite: CHE 111

This course continues the exposition of chemical principles necessary for further study in the chemical and biological sciences. Topics include kinetics, equilibrium, acids and bases, and electrochemistry as well as a periodic survey of the physical and chemical properties of the elements.

- three credit hours
- offered in spring semesters

CHE 113L General Chemistry Laboratory I

A laboratory course to be taken concurrently with CHE 111.

- one credit hour
- offered in fall semesters

CHE 114L General Chemistry Laboratory II

Prerequisite: CHE 113L

A laboratory course intended to be taken concurrently with CHE 112.

- one credit hour
- offered in spring semesters

**CHE 201 Organic Chemistry: A Brief Course
and Laboratory (NS)**

A one-semester course for those not majoring in chemistry, but whose main interest – biology, bioinformatics – requires some knowledge of organic chemistry.

- four credit hours
- offered in fall semesters

CHE 221 Organic Chemistry I (NS)

This first half of the two-semester sequence deals mainly with bonding and structure, stereochemistry, nomenclature and the chemistry of hydrocarbons. A survey of the most important functional groups is presented. Understanding why and how reactions take place is emphasized.

- three credit hours
- offered in fall semesters

CHE 222 Organic Chemistry II (NS)

Prerequisite: CHE 221

The second half of this two-semester sequence covers the extensive chemistry of the major functional groups. Synthesis and spectroscopic structure determination become key areas of interest. A unifying mechanistic approach continues to bring understanding of how reactions occur.

- three credit hours
- offered in spring semesters

CHE 223L Organic Chemistry Laboratory I

A laboratory course intended to be taken concurrently with CHE 221.

- one credit hour
- offered in fall semesters

CHE 224L Organic Chemistry Laboratory II

Prerequisite: CHE 223L

A laboratory course intended to be taken concurrently with CHE 222.

- one credit hour
- offered in spring semesters

CHE 227 Analytical Chemistry (NS)

Prerequisite: CHE 112

The study of the theory and practice of common analytical methods. Topics to be covered include volumetric and gravimetric methods of analysis, potentiometric methods, and spectrophotometric techniques. The emphasis will be on gaining an appreciation of the total analytical process and its application to actual analyses.

- three credit hours
- offered in spring semesters

CHE 229L Analytical Chemistry Laboratory

Prerequisite: CHE 114L

A laboratory course intended to be taken concurrently with CHE 227.

- one credit hour
- offered in spring semesters



CHE 301 Introduction to Physical Chemistry (NS)

Prerequisite: CHE112, MAT112

A one-semester course in the basic principles of physical chemistry. This course is designed for those not majoring in chemistry, but whose main interest – biology, bioinformatics – requires some knowledge of physical chemistry.

- three credit hours
- offered in spring semesters

CHE 331 Physical Chemistry (NS)

Prerequisites: CHE 227, CHE 229L, MAT 112, PHY 122;
corequisite: CHE 333L

The first in a three-semester sequence that surveys the physical and mathematical foundations of chemical science. In this course the principles of thermodynamics and dynamics are emphasized.

- three credit hours
- offered in fall semesters

CHE 332 Physical Chemistry II (NS)

Prerequisite: CHE 331; corequisite: CHE 334L

The second in a three-semester sequence that surveys the physical and mathematical foundations of chemical science. In this course the fundamental concepts of statistical thermodynamics and quantum mechanics are emphasized. Connections between the mathematical formalism of physical chemistry and the macroscopic and spectroscopic properties of matter will be drawn.

- three credit hours
- offered in spring semesters

CHE 333L Physical Chemistry Laboratory I

Corequisite: CHE 331

This is the laboratory designed to be taken concurrently with CHE 331. The experiments performed in this laboratory course complement material studied in CHE 331. This laboratory requires the use of modern computer platforms and software for data analysis.

- one credit hour
- offered in fall semesters

CHE 334L Physical Chemistry Laboratory II

Prerequisite: CHE 333L; corequisite: CHE 332

This is the laboratory designed to be taken concurrently with CHE 332. The experiments performed in this laboratory course complement material studied in CHE 332. This laboratory builds on techniques learned in CHE 333L. There will be a greater emphasis on computer methodologies to explore the theoretical models of physical chemistry.

- one credit hour
- offered in spring semesters

CHE 338 Instrumental Analysis (NS)

Prerequisite: CHE 227, CHE 331

One-semester course which rigorously examines the three major areas of modern instrumental methods of chemical analysis – spectroscopy, chromatography, and electrochemistry. Emphasis will be placed on theory, instrumentation, operation, and application of each technique.

- three credit hours
- offered in fall semesters

**CHE 340L Instrumental Analysis Laboratory**

Prerequisite: CHE 229L, CHE 333L

A laboratory course intended to be taken concurrently with CHE 338.
- one credit hour
- offered in fall semesters

CHE 345 Biochemistry I (NS)

Prerequisite: CHE 222

An introduction to biochemistry on an advanced level. The first course in the two-semester sequence covers the classes of compounds found in the cell. Enrollment in this course is restricted to students with junior or senior status.

- three credit hours
- offered in fall semesters

CHE 346 Biochemistry II (NS)

Prerequisite: CHE 345

The second semester of the biochemistry sequence. This course covers metabolic pathways and those processes essential to the living cell.

- three credit hours
- offered in spring semesters

CHE 347L Biochemistry Laboratory I

A laboratory course intended to be taken concurrently with CHE 345.

- one credit hour
- offered in fall semesters

CHE 348L Biochemistry Laboratory II

Prerequisite: CHE 347L

A laboratory course intended to be taken concurrently with CHE 346.

- one credit hour
- offered in spring semesters

• CHE 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six credit hours
- CHE 403 offered in fall semesters
- CHE 404 offered in spring semesters

CHE 435 Biophysical Chemistry (NS)

Prerequisite: CHE 331 and CHE 345

A survey of physical chemistry in biochemistry. Thermodynamics and physical properties of biochemical systems will be studied. Structure function relation of biopolymers, enzyme kinetics, drug-nucleic acid interactions, and models of mutation and chemical carcinogenesis will be explored.

- three credit hours
- offered as requested/needed

**CHE 441 Physical Chemistry III:
Advanced Physical Chemistry (NS)**

Prerequisites: CHE 333 and CHE 334L

This course develops the mathematical formalism introduced in CHE 331 and CHE 332. A more rigorous approach to molecular orbital theory is taken. The nature of the chemical bond is explored more fully and the relationship between atomic structure and chemical reactivity is probed more deeply. This course will have a significant computational component.

- three credit hours
- offered as requested/needed

CHE 442 Inorganic Chemistry (NS)

Prerequisite: CHE 332

This course is designed to continue and expand on the inorganic topics initiated in CHE 111-112. Topics discussed include binding and structure, ionic interactions, coordination chemistry, solid state chemistry, organometallic chemistry, boranes, and bioinorganic chemistry.

- three credit hours
- offered in spring semesters

CHE 443 Advanced Organic Chemistry (NS)

Prerequisite: CHE 222, CHE 331

This course deals with advanced topics not covered in CHE 221-222. Certain topics previously covered are treated in greater depth. Examples of areas which are covered include: spectroscopy, heterocycles, polynuclear aromatics, photochemistry, electrocyclic reactions, and polymers.

- three credit hours
- offered in spring semesters

CHE 444L Inorganic Chemistry Laboratory

This laboratory is designed to be taken concurrently with CHE 442. Laboratory experiences are chosen to illustrate chemical principles discussed in class and to expose the student to some of the techniques and methods of characterization used in the synthesis of main group and transition metal compounds.

- one credit hour
- offered in spring semesters

CHE 445L Advanced Organic Chemistry Laboratory

This laboratory is designed to be taken concurrently with CHE 443.

- one credit hour
- offered in spring semesters

CHE 446 Physical Organic Chemistry (NS)

Prerequisite: CHE 332

Mechanisms of organic reactions are discussed. Physico-chemical principles are used to discuss effects of structure on modes of reaction.

- three credit hours
- offered as requested/needed

• CHE 449L-450L Senior Research

The student may elect an original laboratory research program or an independent study program. Both options involve the supervision of a faculty mentor and both require an oral presentation and a written report.

- four credit hours
- CHE 449L offered in fall semesters
- CHE 450L offered in spring semesters

• CHE 465-466 Computational Chemistry and Biochemical Molecular Modeling

These courses will explore the vast array of computational methods that are available to study chemical and biochemical problems. These methods will include molecular mechanics, molecular dynamics, quantum mechanical methods including ab initio and semi-empirical methods as well as free energy perturbation methods. The potential energy surfaces involved in chemical reactions will also be studied. Molecular modeling methods and techniques will also be studied using state of the art software including SYBYL. The course will involve projects and applications using these computational methods. Basic principles of drug design will also be explored. General chemistry (2 semesters), Organic Chemistry (2 semesters), Biochemistry (1 semester) and Physical Chemistry (1 semester) are all prerequisites for this course. Three semesters of calculus and 2 semesters of computer programming are also recommended.

- six credit hours
- offered as requested/needed

CHE 468 Seminar (NS/WI)

A three-semester requirement of all chemistry majors. The requirement is fulfilled by regular participation in a weekly meeting which includes presentations by faculty and students.

- three credit hours

• CHE 493-494 Chemistry Internship

A junior or senior work-study program providing relevant employment experience. The student must work full time for one semester. Registration will occur at the beginning of this full-time semester. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevance to learning and providing the student with a realistic exposure to career opportunities.

This sequence is designed for students wishing to begin their internship during the summer months. Students interested in taking an internship should see their adviser.

- six credit hours
- offered as requested/needed

• CHE 495-496 Chemistry Internship

A junior or senior work-study program providing relevant employment experience. The student must work part time for four semesters. Registration will occur during the second and fourth semesters of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevance to learning and providing the student with a realistic exposure to career opportunities. Students must enroll for two semesters to receive credit.

- six credit hours
- offered as requested/needed

Physics**PHY 101-102 Survey of Physics (NS)**

An introduction to the fundamental concepts of physics including historical developments and the basic laws and principles of physics as derived from both macroscopic and microscopic phenomena. For liberal arts students.

- six credit hours
- PHY 101 offered in fall semesters
- PHY 102 offered in spring semesters

PHY 121-122 General Physics

An intensive study of the principles of mechanics, wave motion, sound and heat followed in the second semester by physics; vectors and calculus are used throughout. Must be accompanied by laboratory.

- eight credit hours
- PHY 121 offered in fall semesters
- PHY 122 offered in spring semesters

Earth Science**ESC 172 Earth Science Meteorology (NS)**

The constituents and structure of the atmosphere; meteorological elements; weather and climate; air masses; fronts and circulation of the atmosphere; instrumentation and map reading.

- three credit hours
- offered in spring

ESC 174 Earth Science: Physical Geology (NS)

A descriptive introduction to the science of solar systems for both science and liberal arts majors. Celestial mechanics. Kepler's laws of planetary motion, artificial satellites, motion of earth and moon and related topics. Description of the other planets, other elements of the solar system.

- three credit hours
- offered in spring

ESC 175 Earth Science: Solar System (NS)

A descriptive introduction to the science of solar systems for both science and liberal arts majors. Celestial mechanics, Kepler's laws of planetary motion, artificial satellites, motion of earth and moon, and related topics. Description of the other planets, other elements of the solar system.

- three credit hours
- offered in fall

ESC 176 Earth Science: Stellar Astronomy (NS)

A description of stars in the universe for both science and liberal arts majors. Stellar distance, motion, mass, size, magnitude, temperature and classification of stars, binary stars. Stellar evolution and earth, original and evolution of the universe, cosmology.

- three credit hours
- offered in fall

Department of Communication Studies

Mark R. Barner, Ph.D., Chairperson

www.niagara.edu/communication

Goals

Communication studies at Niagara University is designed to give students a strong background in professional and liberal arts concerns with respect to the mass communications media. Consistent with the departmental and university's missions, our goal is to produce graduates who appreciate:

- the importance of language in conveying the meaning of events
- the primacy of digital forms of communication in the 21st century
- the dedication of careers in media which serve the interests of social justice, environmental renewal and global peaceful existence.

Mission Statement

Recognizing that communication is an essential part of society, the Communication Studies Department seeks to instill in its students the important contribution that mass media can play in bettering the human condition. The skills learned in this program can be applied in numerous media careers including journalism, television, radio, advertising, public relations, teaching, research, and non-profit organizations. The ethics and values embodied in the curriculum are meant to produce graduates who understand the significance of mass media in making sense of our world.

Integral to all of these is an understanding of the role played by the commercial, public and non-profit sectors of the media and cultural industries. By emphasizing communication for human needs, we fulfill the mission of the University in focusing concern for the marginalized sectors of our society and world.

B.A. - Communication Studies

		Arts and Sciences	Units
Liberal Arts Requirement			20
<i>See General Education</i>			
	Foundation Courses	9	
	Distribution Courses	11	
Major Requirement			20
CMS 100	Communicating for Social Justice	1	
CMS 105	Media Literacy for the Digital Age	1	
CMS 120	Writing for the Media	1	
CMS 230	Media Programming and Management	1	
CMS 300	Art and History of Film	1	
CMS 330	Research Methods	1	
CMS 340	Photography	1	
CMS 345	Video Production	1	

CMS 460	Senior Seminar	1
	Media writing electives	2
	Media and Culture elective	1
	Media and Society elective	1
	CMS electives	3
	Advised electives	4

Total Program: 40

Minor - Communication Studies

		Units
		6
CMS 100	Communicating for Social Justice	1
CMS 120	Writing for the Media	1
CMS 340 or 345	Professional Skills	1
	Three other CMS courses	3

Courses

•indicates courses which cannot be challenged.

•CMS 100 Communicating for Social Justice (SS)

A first year seminar for majors and minors, this course is designed to orient students to the field of communications, provide an overview of career possibilities and give students a critical analysis of the importance of communication in today's world. The emphasis on the course is identifying the communications values which reflect the theme of the program-communicating for social justice.

- three semester hours

CMS 105 Media Literacy in the Digital Age (H, WC)

This course is designed to give students a more critical understanding of how media function and influence individuals and society. By not taking media and their products "for granted," students will be able to better interpret the messages and images they consume. The course will especially focus on the role of television and the new technologies in conveying information, entertainment and larger cultural values.

- three semester hours

•CMS 120 Media Writing

A specialized discussion of how to communicate through the mass media, focusing on the planning and writing of effective messages for print, radio, television, and web media. For analysis purposes, the student concentrates on journalism and public relations and their communicative and social role in contemporary society.

- three semester hours

CMS 220 Informational Video Writing

Prerequisite: CMS 120 (or permission of instructor)

The purpose of this course is to introduce students to the many uses of writing for informational video including management, employee, and customer relations; training and instructional tools; and community and social issue awareness documentary. Through the development of client- and/or issue-centered video scripts and critique of existing informational videos, students will learn all phases of the message design and pre-production processes. (Satisfies Media Writing Elective)

- three semester hours

CMS 221 Writing for Television

Prerequisite: CMS 120 (or permission of instructor)

This course will introduce students to the basics of television writing. Students will learn to format and write scripts for various types of television programming, both long and short form, including narrative comedy/drama, documentary/reality and/or on-air promos. The course will also cover how to write preproduction documents such as show treatments and show bibles. (Satisfies Media Writing Elective)

- three semester hours

CMS 222 Writing for the Web

Prerequisite: CMS 120 (or permission of instructor)

This course provides an introduction to writing for digital environments, with specific emphasis on web pages. Students learn about the history of The Internet, the development of network digital information production/retrieval environments, and the forms and practices of writing for a web page. Activities occur in the classroom and in a web-based online lab. (Satisfies Media Writing Elective)

- three semester hours

CMS 224 Freelance and Feature Writing

Prerequisite: CMS 120 (or permission of instructor)

This course is designed to help students appreciate the nature of freelance and feature writing and the importance of independent journalism in today's media. Students will complete a variety of writing assignments and attempt to sell their work to an appropriate media outlet. (Satisfies Media Writing Elective)

- three semester hours

CMS 226 Specialty Journalism

Prerequisite: CMS 120 (or permission of instructor)

This course introduces students to the many kinds of special interest journalism while conducting exercises in the shared skills required to practice any of them. Students learn about the industry as well as the research techniques, writing methods, ethics, and editing procedures used to practice specialty journalism. Areas of content may change from semester to semester. They will include sports, business and finance, ethnicity, the environment, science, technology and the arts. (Satisfies Media Writing Elective)

- three semester hours

CMS 230 Media Programming and Management

This course puts students behind the scenes at the center of media organizations where they make decisions and plan for new programming. The course provides an introduction to the legal, ethical and political environment influencing media institutions as well as the specific practices required of managers. In class based problem solving sessions and through a term-capping special project students execute each of the steps in the procedures of management and programming

- three semester hours

CMS 300 Art and History of Film (H)

Traces the development of the motion picture in terms of the interaction between the artist, the inventor and the businessperson. Considers particular examples of film types and genres to demonstrate how cinema documents cultural change. The style and techniques of various directors, from Georges Melies to Ingmar Bergman are illustrated by screenings and discussions at each class meeting.

- three semester hours

CMS 310 Advertising

Basic course in the strategy and execution of advertisements for the mass media. Topics include the history of advertising, relationship to economy and society, organization, selection of media, layout, production and use of advertising appeals in radio, television and the press.

- three semester hours

CMS 315 Public Relations

An analysis of the principles and practices of public relations in corporate, institutional and public service organizations including the technical and human relations skills utilized in the public relations profession.

- three semester hours

CMS 330 Research Methods

This course provides an overview and critique of mass media research methods and techniques. The research process, a survey of scientifically studying mass media as a human phenomenon is explored. The course will also focus on the particular roles and problems of public opinion research and television ratings methodology in determining mass tastes and preferences. Students will also gain a practical understanding of data analysis.

- three semester hours

CMS 335 Investigation and Reporting for the Media (CD)

This course focuses on the acquisition of investigative skills, techniques and ethics used for research and writing in academic and journalistic work. Students apply their acquired tools in a semester long investigation of issues within an International Public Affairs sector. In an ongoing lab setting students interact continuously within an Internet environment. (Satisfies Media Writing Elective)

- three semester hours

CMS 340 Photography

This is a course in the fundamentals of digital photography designed for students with little or no previous experience. Students will learn basic photographic skills including manual camera operation and digital image manipulation and printing. Photographic history, and visual theory and criticism will be addressed in class discussions and critiques. The course explores the use of photography as a tool of communication and self-expression.

- three semester hours

CMS 345 Video Production and Laboratory

After a detailed survey of the vocabulary, tools, techniques, and conventions of video production, the student is led through a series of creative exercises in both studio and remote video production. Students will learn producing and directing techniques in pre-production, production, and post-production, developing both a critical aesthetic and technical proficiency. Course includes lab exercises and projects in non-linear digital video production.

- four semester hours

CMS 350 Mass Media and Culture (H)

This course presents a critical analysis of the meaning and function of the mass media and culture in our world. Fictional programming, entertainment and sport media are analyzed for their impact on individuals, society and the media themselves. (Satisfies Media and Culture Elective)

- three semester hours

CMS 352 Media Theory and History (H)

The course combines a cross cultural history of the communication field with a survey of the main theoretical models advanced to explain the relationship between media and society during the twentieth and early twenty-first centuries. Using a case study approach students formulate positions on the role and effects of theory in daily media practices. (Satisfies Media and Culture Elective)

- three semester hours

CMS 353 Film and Culture (H)

This course will examine contemporary cultural perceptions through a variety of cinematic examples taken from feature films. The impact of film on social, historical, and economic cultural traits will be analyzed. Although the primary focus is cultural analysis, thematic discussion will be coupled with an introduction to vocabulary used in cinema and historical discussion of the evolution of the film industry. (Satisfies Media and Culture Elective)

- three semester hours

CMS 354 International Communication (H, CD)

This course aims to understand the 21st century convergence of cross-cultural forces and digital new media creating a global culture. Three questions are addressed: (1) Where do “New Media” come from? (2) How have new media interacted with cultural forms to influence the formation of civilization? (3) How are new media practices experienced and applied in social, environmental, ideological, political and economic spheres of cross-cultural relations. (Satisfies Media and Culture Elective)

- three semester hours

CMS 360 Special Topics

This course is designed as a one-time course to be offered whenever departmental resources are sufficient to do so. It will deal with special topics in the mass media, journalism, or broadcasting according to the research agenda and interests of a particular professor. Topics could include, but are not limited to: ethical, legal, theoretical, and societal issues in the mass media; practical applications of video, photographic, print, and/or computer-based media production.

- three semester hours

CMS 361 Politics and Media (SS)

This course examines the role of communications media in a democratic system of governance. We will look at the media's performance in electoral and other public campaigns, the role of the news media in presenting information on national and global issues and how political themes surface in non-news media genres. (Satisfies Media and Society Elective)

- three semester hours

CMS 362 Information as Power (SS)

Popular media have given a great deal of attention to the emerging “Information Age”. This new “era” is portrayed as distinct from prior epochs in human history. This course focuses on a critical evaluation of the role information technologies play in reshaping the democratic processes and political economy of our society and world. (Satisfies Media and Society Elective)

- three semester hours

CMS 363 Stereotyping in the Media (SS, CD)

There are many oversimplified categorizations by which societies make distinctions among their members, including race, class, gender, and age. Such distinctions often lead to an inequitable distribution of political power, social well-being, and the resources available to individual members of society. In this course we seek to increase our awareness and understanding of such inequities and the power of the mass media in creating and potentially destroying them. (Satisfies Media and Society Elective)

- three semester hours

•CMS 403 & 404 Honors Thesis I & II

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense. Required for University and Departmental Honors students.

- three semester hours each

CMS 440 Advanced Photography

Prerequisite: CMS 340

This course is a continued exploration of the medium of digital photography, which begins where Basic Photography ends. The course includes creative problem solving through alternative photographic techniques, advanced digital imaging, and an introduction to the practices of photojournalism and social documentary photography.

- three semester hours

CMS 445 Advanced Video Production

Prerequisite: CMS 345

An upper-level course in video production. Student will apply knowledge of production aesthetics and theory in producing short videos. Course covers effective message design, script writing, video production, and non-linear postproduction. Assignments focus on producing videos for non-profit organizations and for submission to various video festivals.

- three semester hours

•CMS 460 Senior Seminar (WI)

A research seminar designed to evaluate areas of media effects, creative media projects, and critical analysis of media content. Majors will complete an individually designed research or media production project. Oral defense and written documentation will be required.

- three semester hours

•CMS 491, 492 Internship

The media internship is an independent applied experience in the field of mass media. With guidance from the instructor, students are expected to contact an appropriate organization and set up guidelines for working. The course allows students to apply classroom knowledge while exploring a professional position in the mass media. Determination of credit hours will be established at pre-registration by the chair of the department in consultation with the dean. Junior or Senior ranking.

- variable credit

•CMS 493, 494, 495, 496 Communications Co-Op

A junior or senior work study program providing relevant paid employment experience. The student must work full-time for one semester. Registration will occur at the beginning of experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities.

- zero to six semester hours

•CMS 497 Independent Study

The independent study elective provides an opportunity to do intensive work in an area of particular interest to the student under the supervision of an individual faculty member. Departmental approval necessary.

- three semester hours

Speech

•SPK 101 Public Speaking

Directed to beginning speech students, with the goal of helping them express themselves clearly, succinctly, and with some degree of persuasiveness. The course is also intended to make them aware of the responsibilities engendered by the art of persuasion. The basic theme of the course is that the message is the message as it is received.

- three semester hours

•SPK 201 Oral Interpretation

Emphasizes the primacy of literature and the importance of the interpreter's mature reaction to it, and his/her intelligent analysis of it. The technical use of voice and body must be based firmly on a sound analysis of the material, which should be grounded on the interpreter's intuitive grasp of the emotional content of the reading material - all expressed through the interpreter's own imaginative style.

- three semester hours

Department of Computer and Information Sciences

Suzanne C. Wagner, Ph.D., Chairperson

www.niagara.edu/cis

Goals

The goal of the computer and information sciences department is to develop computer professionals who are especially competent in software systems design and development. Graduates of this program are articulate, logical thinkers who successfully take their places as professional software developers in government, business, education, and industry. They are systems analysts, business applications programmers, database managers, technical software designers and developers, or software engineers. They may also pursue graduate/professional education, typically for the M.B.A. degree in management information systems or the M.S. degree in computer science.

Programs

The computer and information sciences department offers a bachelor of science degree. Students who major in CIS typically pursue careers in software design and development in application areas that may be technical, scientific, or business-related. Special emphasis is placed on career development within courses, through cooperative experience opportunities, and through other CIS activities.

A 30-hour certificate in computer and information sciences is offered for adults who already have a bachelor's degree in another field or who are practitioners with several years' experience in a computer field. Ten courses selected from the CIS major offerings comprise the certificate program.

Students in other majors may also pursue a minor in CIS.

An associate of science degree (pre-engineering) is offered through the CIS department in conjunction with the University of Detroit Mercy. Students in this program may transfer to the University of Detroit Mercy or another university to complete a bachelor's degree program in engineering. See pre-engineering.

B.S. - Computer & Information Sciences

Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
CIS Component	12
CIS 160	1
CIS 232	1
CIS 260	1
CIS 265	1
CIS 350	1
CIS 365	1
CIS 380	1
CIS 390	1
CIS 480	1
CIS 499	1
	2
Supportive Courses	8
MAT 102, 201 or 435	1
MAT 107 or 111	1
ACC 111	1
MGT 390	1

The courses in the business column or the math column below: 2

Business	Math
ACC 112	MAT 112
ECO 101 or ECO 102	MAT 202 or MAT 436

Elective supportive courses 2

Total Program 40

Minors - Computer and Information Sciences

Information systems minor (recommended for business and social sciences majors):

CIS 232	Microcomputer Applications for Business
CIS 350	Introduction to Systems Analysis
CIS 380	Data Management

The courses in the business programming column or the technical programming column below:

Business Programming	Technical Programming
CIS 160	CIS 265
CIS 260	CIS 365

Scientific computing minor (recommended for math and science majors):

CIS 232	Microcomputer Applications for Business
CIS 265	Computer Science I
CIS 365	Computer Science II
CIS 380	Data Management
CIS 390	Visual Systems Integration

Interested students should also consider the interdisciplinary computer crime minor (pg. 74).

Courses

• indicates courses which cannot be challenged.

CIS 132 Introduction to Business Computing Applications (AS)

This course is intended for beginners; students are not expected to have any previous computer experience. Students who intend to pursue a CIS major or minor should take CIS 232 rather than CIS 132. This course emphasizes the use of microcomputer (PC) software for the business user. Students learn to solve problems using a variety of software tools, including word processing, spreadsheets, business graphics, databases, and the Internet. (This course does not satisfy the CIS major or minor requirements.)

- three semester hours
- offered in fall and spring semesters

CIS 138 Introduction to Programming and Computing (AS)

The course provides an intensive introduction to computers and to programming as a tool for problem solving. Students will use and write programs in a beginner's programming language. Applications involve personal, scientific, and health or business worlds. (This course does not satisfy the CIS major requirement.)

- three semester hours
- offered in fall and spring semesters

CIS 160 Structured Business Programming I (AS)

This is a first course using a structured business language. Design and style are emphasized. Typical business problems are coded and documented, compiled and tested to acquaint the student with practical use of the language.

- three semester hours
- offered in fall semesters

CIS 198 Introduction to Computers and Programming for Teachers (Also EDU 198) (AS)

This course presents an introduction to computers and their use in the schools. It is designed as a first course for teachers. Emphasis is placed upon fundamental concepts and their applications in education. Students use an integrated software package and programs relating to the subject matter of their discipline. They have the opportunity to write programs in a structured language. No prior experience with computers is assumed. (This course does not satisfy the CIS major requirement.)

- three semester hours
- offered in fall semesters

CIS 232 Microcomputer Applications for Business I (AS)

The course presents business-related software for the microcomputer (PC). The main applications examined are spreadsheets, business graphics, databases, word processing, and presentation graphics. Integration of these applications is also covered. (This course satisfies the CIS major or minor requirements.)

- three semester hours
- offered in fall and spring semesters

CIS 233 Using the Computer as a Research Tool (AS)

This course presents computers as research tools to students in the behavioral and social sciences and human services. It presents an overview of computer hardware and software and use of an operating system and an editor as tools for the computer user. The student will also become familiar with the use of a word processor for report and proposal writing, spreadsheets for budgeting, and database design and access. Students will learn SPSS as a research tool for statistical applications. (This course does not satisfy the CIS major requirement.)

- three semester hours
- offered in fall and spring semesters

CIS 255 Introduction to Geographic Information Systems (also listed as GIS 100)

This course is a broad and intensive introduction to the study of Geographic Information Systems (GIS). Using this extensive computer-based mapping software, students will learn the nature and models of spatial data, organize, manage, and present such data, as well as plan and conduct research. Applications in various social and natural sciences will be introduced and discussed. This learning is to be continued in upper division courses within related fields.

- three semester hours

CIS 260 Structured Business Programming II (AS)

Prerequisite: CIS 160

This is a second course in a structured business programming language. It emphasizes structured design, file organization, editing, data input techniques, indexed and keyed files, file updating, merging and sorting, debugging techniques, and program maintenance.

- three semester hours
- offered in spring semesters

CIS 265 Computer Science I (AS)

This course provides an intensive introduction to structured and object-oriented programming in a modern programming language. Algorithm development is introduced. Designing, coding, debugging, and documenting programs are emphasized. Problems examined include numerical and non-numeric applications.

- three semester hours
- offered in fall semesters

CIS 320 Computer Local Networks (AS)

This course introduces the broad and constantly changing field of local networks. The course emphasizes technology and architecture issues such as transmission medium, network topology, communications protocols, and hardware/software interfaces. Local area networks and digital switch/computerized branch exchanges are discussed.

- three semester hours
- offered in spring semesters

CIS 332 Microcomputer Applications for Business II (AS)

Prerequisite: CIS 132 OR CIS 232

This course prepares students to produce professional-quality business documents and to communicate effectively in academic and business environments. The course involves using advanced features of spreadsheets, databases, word processing, presentation graphics and the Internet as tools for analyzing business problems and communicating business information.

- three semester hours
- offered in spring semesters

CIS 340 Fraud Examination and Economic Crime (also listed as ACC 340 and CRJ 340)

Prerequisite: ACC 111, ACC 112, ECO 102, CIS 232, and CRJ 201

This course examines forensic accounting and economic crime interrelating accounting, criminal justice and computer and information systems concepts and issues. The course will include limited accounting theory and concentrate on financial fraud, white-collar crime, how financial fraud is perpetrated, approaches to fraud investigations and documentation, fraud detection and prevention.

- three semester hours

CIS 350 Introduction to Systems Analysis (AS)

Prerequisite: CIS 160 or 232 or 265

This is the first course in the general concepts and techniques of systems development. The study, logical design, physical construction, and implementation phases for development of a system will be examined in detail. Students are presumed to have a general knowledge of information systems hardware and software from prerequisite courses.

- three semester hours
- offered in fall semesters

CIS 365 Computer Science II (AS)

Prerequisite: CIS 265

This course continues CIS 265. Advanced techniques of object-oriented programming are introduced. Data structures and algorithms associated with arrays, several forms of linked lists, and trees are studied. Other topics include sorting and searching, and analysis of algorithms.

- three semester hours
- offered in spring semesters

CIS 380 Data Management (AS)

Prerequisites: CIS 232, CIS 260 or permission of instructor

The application, logical structure, and physical implementation of database management systems (DBMS) are considered. The storage, management, and retrieval of information in hierarchical, network, and relational database systems, some specific database languages, and normalization and data dictionaries, file security, integrity, and reliability will be discussed. The student designs, programs, and implements a database system using state-of-the-art relational database packages.

- three semester hours
- offered in fall semesters

CIS 390 Visual Systems Integration (AS)

Prerequisites: CIS 260 or permission of instructor

Students in this course will learn to integrate tools built on multiple software platforms into complex applications with graphical user interfaces.

- three semester hours
- offered in fall semesters

•CIS 403 and 404 Honors Thesis I and II (AS/WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours
- offered in fall and spring semesters

CIS 465 Scientific Computing

Prerequisites: CIS 365

Theory and practice in problems of scientific computing. Students will study the development of solutions to important scientific problems requiring powerful computing resources. Students will write programs for a parallel supercomputer.

- three semester hours

CIS 480 Management of Computer Information Systems (WI/AS)

Prerequisite: CIS 380 or permission of instructor

This course considers the selection of a computer system (software and hardware); management of small and large systems including distributed processing; establishment of priorities and information systems security; and project management. Advanced database languages and applications generators are examined.

- three semester hours
- offered in spring semesters

CIS 490 Topics (AS)

Special topics courses in information systems and computer science are offered whenever departmental resources are sufficient to do so. Topics could include, but are not limited to, new software design technologies; recent hardware and software developments; data communications; special high-level languages; parallel processing; ethical, legal and societal issues in computer and information systems; assemblers, compilers, and interpreters; simulation and modeling.

- three semester hours

CIS 493, 495, 496 and 497 Computers Co-op (AS)

A junior or senior work-study employment experience. The objective of the program is to integrate classroom theory and practical work experience, lending relevance to learning and providing the student with a realistic exposure to career opportunities. Registration will occur at the beginning of the experience.

- zero to six semester hours
- offered in fall and spring semesters

CIS 495 Independent Study (AS)

The independent study elective provides an opportunity to do intensive work in an area of particular interest to the student and a faculty member. Departmental approval necessary.

- three semester hours
- offered in fall and spring semesters

CIS 499 Senior Software Project (AS)

Prerequisite: CIS 350

This is a capstone course emphasizing the skills necessary for building high-quality software. A significant team project is required; knowledge obtained by students in prerequisite courses will be applied to bring about proper completion of the team project. Systems development models and software relevant to systems engineering will be discussed.

- three semester hours
- offered in spring semesters



Computer Crime Minor

Suzanne Wagner, Ph.D., Coordinator
Timothy O. Ireland, Ph.D., Chair of Criminal Justice

Goals

Crime committed with the use of computers now ranges from relatively minor acts of consumer fraud, to more serious crimes in which drug traffickers can move billions of dollars of illegal drug money, to major crimes that can paralyze entire financial networks and national security systems. The computer crime minor seeks to introduce students to the basic principles of this unique and burgeoning form of criminality. Students will gain a foundation in the criminal justice system and the first steps in the identification and detection of computer criminality.

Program

The minor in computer crime is an interdisciplinary program that will require study in criminal justice and computer and information sciences. It requires the completion of six courses. Students wishing to pursue the minor in computer crime should contact the coordinator, Dr. Suzanne Wagner, in the department of computer and information sciences or Dr. Timothy Ireland in the criminal justice department.

Course Requirements

CRJ 201	Introduction to Criminal Justice
CRJ 210	Criminology
CRJ 350	Criminal Law
CIS 380	Data Management (prerequisite CIS 232 or 260)
CIS 320	Computer Local Networks OR
CIS 390	Visual Systems Integration (prerequisite CIS 232 or 365)
CIS 480	Management of Computer Information Systems (prerequisite CIS 380)

Units
6

Department of Criminology and Criminal Justice

Timothy O. Ireland, Ph.D., Chairperson
www.niagara.edu/crj

Goals

The principal goal of the program is to provide the student with a liberal arts education. We are also dedicated to equipping the student for a career in criminal justice or a related field. Furthermore, our intent is to prepare students for the changes they are likely to confront in the areas of technology, social diversity and legal responsibilities. Finally, we seek to ready the qualified student for graduate study or law school.

Mission Statement

The mission of the criminology and criminal justice department is to instill in the student a respect for the rights of all persons before and after coming into contact with the criminal justice system. We also desire to imbue in our students a commitment to a series of values which prepare them for leadership but also provide them with the ability to think critically with respect to the important issues facing them. This is achieved by offering a balanced curriculum with courses in the etiology of crime, law enforcement, adjudication, corrections, and field internships.

Five Year BS/MS program in Criminal Justice

The BS/MS program allows students to complete both their bachelor's and master's degrees in criminal justice in five years. It is designed to provide students accepted into the program with advanced education in the administration of various aspects of the criminal justice system.

In order to complete the program in 10 semesters, students take nine credits of graduate course work in their senior year. The credits will also count toward the 120 credits required for an undergraduate degree. Twelve credit hours of graduate studies will be taken each semester of the fifth year, providing a total of 144 combined credits for the dual degree.

B.S. - Criminology and Criminal Justice

Arts & Sciences

		<i>Units</i>
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses		9
Distribution Courses		9
MAT 102	Statistics I	1
CIS 233	or Statistics II (MAT 202)	1

Major Requirement		20
CRJ 201	Introduction to Criminal Justice	1
CRJ 202	Juvenile Justice	1
POL 101	American Government	1
CRJ 210	Criminology	1
CRJ 230	Law Enforcement	1
CRJ 265	Principles of Justice	1
CRJ 270	Corrections	1
CRJ 300	Criminological Research Methods	1
CRJ 490	Senior Thesis	1
	Criminology and Criminal Justice	1
	Law Enforcement	1
	Law Adjudication	1
	Penology	1
	Advised electives	7

Total Program: 40

Minor - Criminology and Criminal Justice

		<i>Units</i>
CRJ 201	Introduction to Criminal Justice	1
CRJ 202	Juvenile Justice	1
	Criminology and Criminal Justice	1
	Law Enforcement	1
	Law Adjudication	1
	Penology	1

Note: If the student's major does not require a course in research methods, they may substitute CRJ 300 - Criminological Research Methods for one of the courses above.

Courses

•indicates courses which cannot be challenged.

CRJ 201 Introduction to Criminal Justice (SS)

An overview of the design and functioning of the criminal justice system in the United States. The nature and extent of crime, criminal procedure, the constitutional basis for due process, principles of the criminal law, and the agencies of criminal justice will be examined. (Major requirement)

- three semester hours

CRJ 202 Juvenile Justice

Examines philosophy and administration of the juvenile justice system. Incorporates social science research and case law to understand the system. Focus devoted to: (1) history of juvenile justice, (2) theoretical explanations of juvenile delinquency, (3) family, school, and cultural influences on juvenile behavior, and (4) interventions for juvenile offenders. (Major requirement)

- three semester hours

•CRJ 210 Criminology (SS) (also SOC 210)

Historical and contemporary perspectives on the causes of crime and deviance in society and the treatment of offenders. Major social, psychological, and economic theories will be assessed. Nonbehavioral science perspectives will also be examined. (Major requirement, concentration: criminology)

- three semester hours

CRJ 230 Law Enforcement (SS)

The history and state-of-the-art in evaluating the police role in the community in attempting to balance peace, order and individual rights. Influential theoretical and empirical studies of police discretion, attitudes, and corruption will be examined. Other topics include: the effect of Supreme Court decisions on police practices, evaluating police performance and policewomen. (Major requirement, concentration: law enforcement)

- three semester hours

CRJ 260 Criminal Procedure

An examination of the constitutional rules and principles that help shape the law of criminal procedure. The issues covered include: pre-trial rights and proceedings, the adversarial system, the right against compelled self-incrimination, and search and seizure. Attention is given to US Supreme Court decisions that interpret and apply federal constitutional provisions to these issues. (Concentration: Law adjudication)

- three semester hours

CRJ 265 Principles of Justice

Examines criminal punishment as a social and political institution. Critically examines prominent philosophical justifications for criminal punishment, their guiding principles, and their implications for contemporary policy. Explores related principles such as equality, rights, proportionality, and moral desert. (Major requirement, concentration: law adjudication)

- three semester hours

CRJ 270 Imprisonment and Corrections

Examines the prison within a social, political, and economic context as well as its place within contemporary crime-control debates. Explores the nature of the prison environment, including the prison subculture, violence and its management, correctional officers, and the prospects for reform. Critically evaluates imprisonment's impact on prisoners and their post-release adjustment, families, and communities. (Major requirement, concentration: penology)

- three semester hours

•CRJ 300 Research Methods (WI)

Experimental and quasi-experimental designs in criminological applications. Sampling, reliability, validity, causality, and other topics will be presented and analyzed. The pros and cons of quantitative research design and measurement. (Major requirement)

- three semester hours

- fall semester

•CRJ 315 Organizational Crime (SS)

The nature, extent, and impact of illicit behavior on the part of corporations, illicit organizations, government agencies, and employees. The causes, enforcement, prosecution, sentencing, and prevention of organized criminal behavior will be examined. Political, white-collar, organized and corporate crime are assessed. (Concentration: criminology)

- three semester hours

•CRJ 320 Comparative Criminal Justice (SS)

An examination of the design, functioning, and legal basis for systems of criminal justice in other countries. An attempt will be made to relate governmental, political, demographic, and economic factors in explaining past and current trends in the adjudication of offenders. Cross-cultural analysis of the causes of crime. (Concentration: criminology)

- three semester hours

•CRJ 325 Drugs and the Criminal Justice System

An examination of the history of drug use and abuse, the nation's current drug policy, and issues relative to the prevalence of drugs in society, the effects on the body, current law enforcement practices, and the prospects for rehabilitation and prevention of drug abuse. (Concentration: law enforcement)

- three semester hours

CRJ 335 Private Security (SS)

The history and present status of private law enforcement in the United States. Assessment of need for policing in the private sector, and review of the causes and effectiveness of control procedures for employee theft, shoplifting, commercial burglary, and other crimes. The legal powers and restrictions of private law enforcement will be examined. (Concentration: law enforcement)

- three semester hours

CRJ 350 Criminal Law

An examination of the constitutional rules and principles that help shape the law of substantive criminal law. Some of the issues covered include: sources of criminal law, due process, equal protection, freedom of speech, right to privacy, cruel and unusual punishments, actus rea, mens rea, omissions, causations, attempts, legal and factual impossibility, self defense, battered wife syndrome, necessity defense, and the insanity defense. Attention will be given to US Supreme Court and state court decisions that interpret and apply federal and state constitutional provisions to these issues. (Concentration: law adjudication)

- three semester hours

**•CRJ 375 Alternatives to Incarceration (SS)
(also SOC 375)**

An examination of the history, philosophy and functioning of community-based correctional programs. Each of the various types of programs, including probation and parole, will be discussed and evaluated. The legal rights of ex-offenders. (Concentration: penology)

- three semester hours

•CRJ 380 Sentencing (SS)

The historical, philosophical and legal basis for criminal sentencing. Judicial discretion, disparity, indeterminate and determinate sentences, mandatory sentencing, parole procedures, and current legal provisions will be examined. (Concentration: penology)

- three semester hours

•CRJ 390 Field Experience in Criminal Justice

Prerequisite: permission of instructor

The application of accumulated knowledge in criminology and criminal justice in a field setting. Students will be placed in a criminal justice agency and complete an internship under the supervision of a faculty member. (Concentration: advised elective)

- three semester hours

•CRJ 395 Independent Study

Prerequisite: permission of instructor

An opportunity for students to design and execute a research or evaluation project in an area of particular interest. Selection of topics, research plan, and methods used are left up to the student under the supervision of a faculty member. (Concentration: advised elective)

- three semester hours

•CRJ 397 Special Problems in Criminal Justice

Seminar examines an issue affecting society and its relationship to the criminal justice system. Topics might include a discussion of ethics and the criminal justice system, computerized information systems and the criminal justice system, intimate and stranger crimes, or the criminal justice system in the future. (Concentration: criminology, law enforcement, law adjudication or penology)

- three semester hours

•CRJ 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

•CRJ 490 Senior Policy Research Seminar (WI)

Prerequisite: CRJ 300. Recommended: MAT 102, MAT 202 or CIS 233

Students will participate in a seminar class designed to instruct the student on the completion of policy analysis projects that demonstrate a synthesis of accumulated knowledge. These projects will involve an evaluation or test of a research question affecting the criminal justice system.

- three semester hours

- offered in spring semesters

CRJ 493, 494, 495, 496 Criminal Justice Co-op

A junior or senior work-study program providing relevant paid employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op should talk to their adviser. (S-U grading)

- zero to six semester hours

NOTE: Completion of required courses and junior or senior status are prerequisites for any advised elective listed.



Department of English

Jeanne Phoenix Laurel, Ph.D., Chairperson

www.niagara.edu/english

Goals

The English Department prepares students to use language-based critical thinking skills as a powerful tool in their public lives (career and world citizenship) as well as in personal enrichment (aesthetic, interpersonal and spiritual concerns). Students develop and practice these skills by reading, analyzing, and critiquing, in both oral and written formats, a wide variety of texts: literature; literary criticism and theory; and business, technical, and government documents.

Although a student's choice of career options will determine the proportion of emphasis in each area, the department concentrates on developing four specific kinds of abilities in its graduates:

- (1) **Literature:** The ability to discuss the literary history and traditions of English-speaking communities in the Americas, in Britain, and worldwide.
- (2) **Textual:** The ability to employ conventions of analysis to evaluate, judge, or synthesize the significance and meanings of a text, whether that text be expressive (literature) or factual (technical, business, or government documents) in nature.
- (3) **Communication:** The ability to convey ideas with clarity and power in oral and written formats, using style and organizational strategies suited to the audience, the subject matter, and the rhetorical purpose.
- (4) **Research:** The ability to locate and to review, summarize, respond to, and challenge the published forums on a particular subject or line of inquiry.

Programs

The general English concentration offers advised elective courses which can be combined by students in consultation with advisors as they decide on specific career-path development. These focal areas add to or reinforce competencies sought after by postgraduate degree programs in fields such as law, business and education; by corporate and professional employers; and by graduate English and education programs.

- **Literature:** Students gain a broad overview of Western literature and develop the ability to read with understanding and critical precision. Courses offer interpretive study of a wide range of literary selections, enabling students to participate intellectually in the cultural development of our civilization, and to prepare for graduate study.
- **Corporate, Technical, and Professional English Skills:** Students planning to seek employment with a

bachelor's degree in English read and study literature to develop critical abilities germane to any field in which language-based analysis is appropriate. They can also complement their reading and writing skills in literature with courses such as grants writing, advocacy journalism, editing, writing for the internet, creative writing, and grammar. The ability to analyze, interpret, organize, synthesize, and condense information in a wide variety of formats and styles for diverse and differing audiences is a highly sought-after skill in fields such as law, education, charitable efforts, and business. Students are encouraged to select courses leading to a Writing Studies minor, in addition to an English major. Students who major in English or minor in Writing are also encouraged to pursue internships or co-op opportunities.

- **Education:** In conjunction with the College of Education, to provide the student with a sequence of studies that leads to certification in the state of New York for teaching English in grades K-12. These courses address the specific competencies in teaching methodology and literary and compositional knowledge necessary for the College of Education. Students may also elect to take a bachelor's degree in English, followed by a master's in Education.

The Department of English also offers a B.A. in English and a program leading to New York state provisional certification in English grades K-6 and 7-12 in cooperation with the College of Education. (Students receive advisement from both the English Department and the College of Education.)

Programs

Minor, General English Concentration

		<i>Units</i>
		6
ENG 203-204	Major English Writers, I, II	2
ENG 215-216	Major American Writers, I, II	2
Varies	Two advanced courses at the 300-400 level	2

Minor, Writing Studies

Please see separate program listing for Writing Studies, filed alphabetically under the College of Arts and Sciences. This interdisciplinary program draws from courses in English, Communications Studies, Theatre, French and Spanish.

The Writing Studies Minor focuses on giving students advanced instruction in writing, primarily for workplace contexts, though there is also some creative writing. The minor helps students translate their liberal arts/science degrees to workplace settings. In other words, it helps students gain skills they can use to get a job!

The minor emphasizes use of computer technology to produce professional texts: memos, letters, reports, oral presentations, web sites, and similar documents. Students are strongly

encouraged to complete a writing internship. Most writing classes entail some service learning, in which students volunteer a few hours for a local charitable organization, and do some writing for that organization.

B.A., English, Arts & Sciences (General English Concentration)

	<i>Units</i>
Liberal Arts Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
ENG 203-204 Major British Writers, I, II	2
ENG 215-216 Major American Writers, I, II	2
Pre-1800 (British) electives	2
Post-1800 (British) electives	2
Advanced American electives	2
Advanced composition elective*	1
ENG 490 Senior Seminar	1
Advised electives	8
Total Program:	40

*Recommended advised electives include any ENG course which satisfies the Writing Studies Minor requirements.

B.A., English Education/Secondary (with teacher certification; for additional information, consult with the College of Education)

	<i>Units</i>
Liberal Arts Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Professional Requirement	9
Major Requirement	12
ENG 203-204 Major British Writers I, II	2
ENG 215-216 Major American Writers I, II	2
ENG 355 Teaching of Composition	1
ENG 356 English Grammar	1
ENG 400 Shakespeare	1
ENG 407, 420 or 421 Novel elective	1
ENG 431 History & Development of the English Language	1
Post-1800 (British) elective*	1
Advanced American elective	1
ENG 490 Senior Seminar	1
*SPK 101 or Public Speaking	1
*SPK 201 Oral Interpretation	1
Total Program:	40

*SPK 101 Public Speaking or SPK 201: Oral Interpretation must be taken as a humanities or free elective and a post-1800 elective must be taken in the distribution component.

A college-level foreign language other than English is required for New York state certification.

B.A. English Education/Elementary (with teacher certification; for additional information, consult with the College of Education)

	<i>Units</i>
Liberal Arts Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Professional Requirement	11
Major Requirement	10
ENG 203-204 Major British Writers, I, II	2
ENG 215-216 Major American Writers, I, II	2
ENG 315 Greek and Roman Literature	1
ENG 354 Literature for Children and Adolescents	1
ENG 355 Teaching of Composition	1
ENG 356 English Grammar	1
Pre-1800 (British) elective*	1
Post-1800 (British) elective*	1
Advanced American literature	1
ENG 490 Senior Seminar	1
*SPK 201 Oral Interpretation	1
Total Program:	41

*SPK 201 Oral Interpretation must be taken as either a humanities or free elective in the distribution component.

ENG pre-1800 and post-1800 electives must be taken in the distribution courses.

A college-level course (three semester hours) in English, mathematics, science, social studies and a language other than English is required for New York state certification in elementary grades.

Courses (ENG prefix)

• indicates courses which cannot be challenged.

• ENG 100 Introduction to Literature (WI)

Students will be encouraged to become lifelong readers through examining the basic structural, stylistic, and thematic elements that govern various genres and modes in literature. In reading, discussing and then presenting written analysis, in expository and argumentative papers, students will continue to develop their abilities in analysis and presentation of self-interpretive and researched conclusions.

- three semester hours



ENG 193-194 English as a Foreign Language

For information on this course please contact The Learning Center.

Designed for foreign students, this course provides intensive training in the basics of English grammar, composition, and language art skills. An individual program of instruction is designed to help students master the English skills required for college students and allow the foreign student a reasonable expectation of success later in Writing 100, which is required of all undergraduate students.

- six semester hours

ENG 203-204 Major British Writers, I, II (H)

An overview of English literature from Beowulf to the end of the Victorian Era. Each major work is studied critically and textually in an historical context, as a symptom of cultural change.

- three semester hours each

ENG 207 Masterpieces of World Literature (H,CD)

Students read, discuss and analyze literature from cultures around the globe, from antiquity to the present. The course primarily explores texts from a variety of non-Western cultures (including African, Indian, Arabic and Chinese), alongside some works from European and/or American traditions. Discussions focus on understanding each work both through close reading and by situating it within its distinctive cultural context.

- three semester hours

ENG 209 Women and Literature in England I (H,CD)

Introduction to English literature by and about women, from the Middle Ages to 1700. Works of poetry, prose and drama will be studied in generic and historical contexts as symptoms of cultural change. Interdisciplinary approach to gender, discrimination, social justice make this course an elective in the Women's Studies Minor.

- three semester hours each

ENG 215-216 Major American Writers I, II (H)

Survey I covers literature from Colonial writing through Hawthorne and Melville; Survey II from Whitman to the present day. Course readings stress primary material. Discussions focus on the coherent intellectual currents which inform and affect America's literature and give it its unique flavor, and serve also to illuminate the range of genres and types of writings covered by the reading.

- three semester hours each

ENG 221 Creative Writing (H/WI)

This course, taught in a workshop format, introduces the fundamental skills used by writers of poetry and fiction. The primary text of the course is the students' original poems and short stories; works by contemporary writers are also read and analyzed. Students develop individual portfolios of revised work in fulfillment of course requirements. (Advanced Composition; part of Writing Studies minor)

- three semester hours

ENG 231 Business Communication (WI)

A basic course in organizational communication: theory and practice. Communication is viewed as a behavioral science involving interaction between the message sender and the audience. Emphasis is on practical techniques of professional communication through letters, memorandums, and reports. (Advanced Composition; part of Writing Studies minor)

- three semester hours

ENG 300 Medieval Literature (H)

Prerequisite: permission of the instructor

An introductory course on the literatures of medieval England. The course will include texts from both the Old English (700-1100) and the Middle English (1100-1500) periods, including selected works of Chaucer. Students will read and discuss literature in a variety of genres (lyric poetry, Arthurian romance, religious allegory, etc.), and explore the distinctive aspects of medieval culture and society. (Pre-1800)

- three semester hours

ENG 301 Seventeenth Century Literature (H)

Prerequisite: permission of the instructor

English prose and poetry from 1603-1700 excluding John Milton. Major emphasis is on Donne, Cavalier lyricists, and John Dryden. The poets' relation to and expression of the philosophical, intellectual, religious and political movements are examined. (Pre-1800)

- three semester hours

ENG 302 The Enlightenment (H)

Prerequisite: permission of the instructor

This course explores the contributions of English authors primarily during the 18th century to the cultural and intellectual milieu known as the Enlightenment. Discussion focuses on the writings of Dryden, Pope, Swift, and Johnson, among others. Specific literary themes are related to the music and art of the period. (Pre-1800)

- three semester hours

ENG 303 English Renaissance Literature (H)

Prerequisite: permission of the instructor

This course is a study of major literary achievements in poetry, prose and drama from the close of the Middle Ages to 1603. Students will study such influential forms as the sonnet, romance epic and revenge tragedy, and read representative works by Elizabeth Cary, Queen Elizabeth I, Thomas Kyd, Christopher Marlowe, Philip Sidney, Edmund Spenser, Isabella Whitney and Thomas Wyatt. (Pre-1800)

- three semester hours

ENG 305 English Romantic Poetry (H)

Prerequisite: permission of the instructor

Examines the common assumptions shared by the chief romantic poets, and the contribution each made to English romanticism—including the visionary mysticism of Blake; the revolt in poetic diction championed by Wordsworth; Coleridge's concept of the imagination and fancy; the neoplatonic idealism of Shelley; Keats' negative capability; and the classicism of Byron, whose popularity as a romantic poet was unrivaled among his contemporaries. (Post-1800)

- three semester hours

ENG 306 Victorian Poetry

Prerequisite: permission of the instructor

Virtually every Victorian poet experienced a tension between devotion to individual sensibility, and commitment to the social and moral needs of the age. This course explores major poets' attempts to reconcile conflicting claims of private and public responsibility. Principal authors studied include Tennyson, Browning, and Arnold, with some consideration of the contribution of Rossetti, Hopkins, Housman and Hardy, among others. (Post-1800.)

- three semester hours

ENG 307 The Modern Age Through Contemporary Literature (H)

Prerequisite: permission of the instructor

A look at the complex 20th century through the eyes of selected modern English and American poets, novelists, and playwrights. Works by authors such as Yeats, Eliot, Dreiser, Faulkner, Bellow, Pinter, and Becket will be discussed with an eye toward defining a "spirit of the modern age." (Post-1800 or Advanced American)

- three semester hours

ENG 308 Romanticism in America (H)

Prerequisite: permission of the instructor

Examines distinctive features of the romantic movement in America, with major weight on the writings and thoughts of Emerson, Thoreau, and the Transcendental group, and the romantic reaction embodied by Hawthorne and Melville. The art of Poe is also discussed. (Advanced American.)

- three semester hours

ENG 310-312 Studies in American Authors (H)

Prerequisite: permission of the instructor

Single authors or combinations of authors studied in depth. For example, Hawthorne, Mark Twain, Willa Cather, Toni Morrison, and Faulkner. Also groups such as Native American writers; Early American writers and American poets. May be taken up to three times, with different authors or topics. (Advanced American)

- three semester hours each

ENG 315 Greek and Roman Literature (H)

Prerequisite: permission of the instructor

This course explores the literature of ancient Greece and Rome, with special attention paid to classical epics, plays, and myths as both products of their times and foundational texts in the Western literary tradition. Authors studied may include Homer, Sophocles, Virgil and Ovid.

- three semester hours

ENG 321 Poetry Writing (H, WI)

Prerequisite: ENG 221, or permission of the instructor

Theory and practice of poetry. Workshop format, building on skills from Eng 221. Assignments include poems, essays, presentations, and responses to readings. Texts include student writing, contemporary poetry, and essays by contemporary poets. Students develop portfolios of revised work prepared during the semester. (Advanced Composition; part of Writing Studies minor)

- three semester hours

ENG 333 Old English (AS)

Prerequisite: permission of the instructor

An intensive introduction to Old English, the vernacular language of Anglo-Saxon England (ca. 500-1100 CE). Students learn the basics of Old English grammar, vocabulary, and syntax, and translate selections of Old English prose and poetry. (Pre-1800)

- three semester hours

ENG 341 Editing and Collaboration (H, WI)

Prerequisite: ENG 231, or permission of the instructor

This course develops skills students need to write successfully in college, in the workplace, and in their everyday lives. It prepares students for the various types of writing they would do as professional editors or writers, including synthesizing information from various sources, providing feedback to other writers to guide their revision, managing multi-authored documents, and co-authoring. (Advanced Composition; part of Writing Studies minor)

- three semester hours

ENG 342 Special Topics in Web Writing (H, WI)

Prerequisite: CMS 222, or permission of instructor.

A course which focuses on specific trends, genres, or aspects of Web writing. Topics include: Web writing in social, workplace or academic contexts; unique genres of Web writing (blogs, wikis, forums); challenges to traditional media and publishing made by Web writing. (Advanced Composition; part of Writing Studies minor)

-three semester hours

ENG 343 Studies in Rhetorical Theory (H, WI)

Prerequisite: WRT 100, or permission of instructor.

Offers in-depth study of rhetorical theory. The course may focus on one or more periods (e.g., Classical rhetoric, Enlightenment rhetoric), theorists (e.g., Aristotle, Burke), or concepts (e.g., invention, metaphor). May be taken up to three times with different course material.

-three semester hours

ENG 345 Science Writing (H, WI)

Prerequisite: WRT 100, or permission of instructor.

Examines the forms of communication undergirding science. Students analyze and write in a variety of scientific genres as they learn the rhetorical dynamics of research. Emphasis is also placed on the public understanding of science, including representations of science in fine art and film.

-three semester hours

ENG 346/546 Visual Rhetoric (H, WI)

Prerequisite: WRT 100, or permission of instructor.

Students analyze and synthesize the rhetorical principles by which visuals are produced and used to inform, educate, advocate, and persuade. Students also consider the cultural contents for visual communication, how visuals work with other forms of communication, and the ethical implications of how visuals are used for rhetorical purposes.

-three semester hours

ENG 348 Ethnography and Travel Writing (H, CD, WI)

Prerequisite: WRT 100, or permission of instructor.

This course focuses on nonfiction writing about culture. Students use participant-observation and interviewing as tools for developing vivid characters, scenes, dialog, and story elements, while reading Latin American and Hispanic ethnography for exemplars. Emphasis is placed on writing that promotes cultural awareness and understanding of the changing American demographic. Travel not required.

-three semester hours

ENG 351 Grant Writing (H, WI)

Prerequisite: ENG 231, or permission of the instructor

This course introduces students to the process of applying for grants in their area of specialization using research and documentation skills. Students gain practice analyzing the mission, values, and priorities of philanthropic and other funding institutions, and apply that knowledge to their organizational and/or individual ethos. This course culminates in a grant proposal, requiring extensive persuasive and analytic writing. (Advanced Composition; part of Writing Studies minor)

- three semester hours

ENG 354 Literature for Children and Adolescents (H)

For education majors or with permission of instructor

This course examines a variety of modes of literature written for children and adolescents. Among the topics addressed are how to evaluate the quality literature and illustrations in children's books, how to integrate literature study into the K-12 curriculum, and how to evaluate students' responses to literature.

- three semester hours

ENG 355 Teaching Composition (WI)

The study of the methods of teaching composition at the elementary and secondary school levels. Considerable attention directed to techniques of grading and evaluating prose themes. Designed for prospective elementary and high school English teachers, this course examines current research in composition and its implications for methods of instruction and evaluation. (Advanced composition; part of Writing Studies minor)

- three semester hours

ENG 356 English Grammar: Theory and Practice (H)

An advanced survey of the English grammatical structures, this course provides insights into the structure and working of English through a transformational approach to the study of syntax. (Part of Writing Studies minor)

- three semester hours

ENG 360 Literary Criticism (H)

Prerequisite: permission of the instructor

Introduction to theoretical approaches to literary analysis, typically emphasizing post-1960s developments in theory and criticism. The course may be conducted as a survey of important theoretical movements or a focused investigation of a major theoretical school or theorist, in either case exploring the applicability of theory to selected literary works.

- three semester hours

ENG 400 Shakespeare (H) (Also THR 400)

Prerequisite: permission of the instructor

This course examines in depth representative plays of Shakespeare in each of the genres; tragedy, comedy, history and romance, as well as the sonnets. (Pre-1800)

- three semester hours

ENG 401 Dante (H)

Prerequisite: permission of the instructor

This course is an intensive introduction to selected works of the medieval poet Dante Alighieri, with particular attention paid to his *Divine Comedy*. Analysis and discussion focus primarily on Dante as narrative poet, lyricist, philosopher, and critic. The course also explores the cultural and historical contexts for Dante's work and, time permitting, his influence on later writers. (Pre-1800)

- three semester hours

ENG 405 Milton (H)

Prerequisite: permission of the instructor

Lycidas, minor poetry and "Paradise Lost" examined exhaustively and analyzed critically as to structure, language, prosodic technique, and thematic development. Stress on developing critical techniques to analyze the pastoral elegy and epic poem as applied to Milton's works, or other works of these genres. ("Paradise Regained" and "Samson Agonistes" examined as time permits). (Pre-1800)

- three semester hours

ENG 406 Modern British Poetry (H)

Prerequisite: permission of the instructor

This course traces attempts by 20th century British poets to fashion a modernistic aesthetic. The influence of French symbolist poets, and of impressionist, expressionist, and surrealist theories help explain complexity of form and content typical of poets like Yeats, Eliot, Auden and Dylan Thomas, and provide a context for comparison with more recent verse of Larkin, Gunn, Hughes, and others. (Post-1800)

- three semester hours

ENG 407 Modern American Novel (H)

Prerequisite: permission of the instructor

A study of the modern American novel concentrating on Post-1950 novelists. Some attention is paid to earlier novelists (Faulkner, Hemingway, Fitzgerald, Steinbeck) to set the stage for discussion of contemporary novelists such as Bellow, Doctorow, Irving, and Walker. Discussion will focus on contemporary narrative theory and technique, and on varieties of setting, character, and themes in the modern American novel. (Advanced American)

- three semester hours

ENG 409-411 Topics in American Literature

Prerequisite: permission of the instructor

Themes in American literature, such as Captivity Narratives through the 19th Century; Imagining Native Americans; The American Dream and Immigrant Writers; Poverty in the 20th Century American Literature; Freedom and Determinism in American Literature. May be taken up to three times, with different authors or topics. (Advanced American)

- three semester hours each

•ENG 414 and 415 Honors Thesis I and II

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense. Students enrolled in the university's honors program write a thesis during their senior year. Students who are not enrolled in the honors program may obtain departmental honors by completing this sequence of courses. Student and instructor must agree on specific topic for research.

- six semester hours

ENG 420-421 ENG 420 (Pre-1800) and ENG 421 (Post-1800) The History of the English Novel (H)

Prerequisite: permission of the instructor

Intensive genre study of representative novels spanning several literary periods, beginning in the early 18th century and culminating, in an extensive examination of the contemporary English novel. Explores thematic, philosophical, and aesthetic considerations in the evolution of types of English novels. Students will become familiar with major British novelists, and may perform independent research into specific areas of English fiction.

- three semester hours each

ENG 430 19th Century American Fictions (H)

Prerequisite: permission of the instructor

A study of American fiction in the romantic, naturalist, and realist modes, covering such authors as Brown, Irving, Hawthorne, Melville, Twain, Cable, Howells, James, Crane, and Norris, in light of the intellectual, philosophical and political forces that shaped their work. (Advanced American)

- three semester hours

ENG 431 History and Development of the English Language (H)

For education majors or with permission of instructor

Traces the development of the English language as a vocal system of human interaction from the beginnings to the modern period. Stresses the changing structural elements of phonology and morphology. Such examination attempts to establish a basis for seeing not "a meaning, but the meaning" in the written language. Etymology and methods of comparative analysis among various language periods are also stressed. Not offered in 2007-2009

- three semester hours

ENG 490 Senior Seminar (WI)

Prerequisite: Senior class standing and permission of instructor

A series of seminars on a variety of topics in English and American literature proposed on a regular basis and rotated annually among the professors of the department. Each seminar requires that students demonstrate research skills commensurate with advanced study in English. Students must successfully complete this capstone course prior to graduation.

- three semester hours

•ENG 493, 494, 495, 496 English Internship/Co-op

A junior or senior work-study program providing relevant employment experience. The program integrates classroom theory and practical work experience. (Transfer students must complete a minimum of 15 semester hours in the major at Niagara University before enrollment. Registration is to be arranged through the chairperson.)

- zero to six semester hour

Courses (prefixes other than ENG)

Speech communications courses (with the prefix SPK) are now taught by the Department of Communications. American Sign Language courses (with the prefix ASL) are now taught by the Department of Modern and Classical Languages.

•WRT 100 Thinking and Writing (WI)

Writing 100 is a one-semester seminar taken by all first-year students in their first year of studies. In all sections, writing is taught as a means of acquiring as well as expressing ideas. Students receive instruction and practice in analysis and argument, in revision, and in the use and acknowledgement of sources. The emphasis in class is on developing ideas and refining them through writing.

-three semester hours

Environmental Studies Programs

William J. Edwards, Ph.D., Program Coordinator
wje@niagara.edu

Goals

Very little can be done today that does not have some form of environmental impact which must be critically analyzed before informed decisions can be made. The natural sciences provide understanding of the technical aspects of the environmental problems which face us all. The humanities and social sciences give us an appreciation for the economic, historical, moral, legal, and political aspects of environmental issues. The global nature of these problems requires cooperation among diverse occupations. Cooperation is attainable if there is mutual understanding. It is for these reasons that the programs in environmental studies are composed of courses from several disciplines. By drawing on different academic perspectives, they are designed to help the student develop a critical understanding of environmental issues.



Programs

There are two environmental studies programs at Niagara. The first is a coordinate major in environmental studies. It is a sequence of eight courses which combines a liberal arts education and a major field, either biology, chemistry or political science, with a selection of courses which have been identified for their ability to integrate information from multiple disciplines. This option is available only to students in biology, chemistry and political science. The other program in environmental studies is a minor which may be taken by any major. Five courses are required to complete the minor. It is designed to give an overview of global environmental issues. Students interested in either the coordinate major or the minor should first contact the coordinator of environmental studies.

Coordinate Major in Environmental Studies

	<i>Units</i>
Course Requirements	8
BIO 105 Environmental Biology	1
ENV 200 Intro to Environmental Studies	1
Group I (select three)	3
BIO 204 Field Botany with Lab	
BIO 312 Ecology with Lab	
CHE 105 Chemistry and Society	
CHE 227/229L Analytical Chemistry with Lab	
ESC 172 Meteorology	
ESC 174 Physical Geology	
Group II (select one)	1
CMS 419 Public Relations	
GIS 100 Introduction to GIS	
JRN 101 Introduction to Journalism	
Group III (select two)	2
ECO 101 Macroeconomics	
ENV 290 Environmental Thought	
POL 203 Introduction to Law	
POL 241 Public Policy	

Completion of a major in biology, chemistry or political science

The capstone course in the chosen major should, if possible, involve an environmentally-related topic. Also, students are encouraged to consider a cooperative education or internship experience in a government agency, interest group or business concerned with environmental issues.

Environmental Studies Minor

	<i>Units</i>
Course Requirements	5
BIO 105 Environmental Biology	1
CHE 105 Chemistry and Society	1
ENV 200 Intro to Environmental Studies	1
Two of the following	2
BIO 204 Field Botany with Laboratory	
BIO 312 Ecology with Laboratory	
ENV 290 Environmental Thought	
GIS 100 Introduction to GIS	
POL 203 Introduction to Law	
POL 241 Public Policy	

Courses

• indicates courses which cannot be challenged.

ENV 105 Environmental Toxicology

In this course, students are introduced to the basic concepts of toxicology, as they apply to understanding how environmental contaminants pose risks to human health and the environment. This course is intended for non-biology majors. Cross-listed as BIO 105.

- three semester hours

ENV 200 Introduction to Environmental Studies

This course is an introduction to the study of environmental policy and politics, focusing on the tension between human values and environmental public policy. The objectives are to: convey to students the main tenet of environmental stewardship, familiarize students with the development of the environmental movement and environmental history in the United States, introduce students to the difficulties in developing and enforcing environmental policy with a focus on the problems facing the Niagara Frontier Region.

- three semester hours

ENV 290 Environmental Thought

This course introduces students to environmental thought and what shapes peoples ideas and behaviors concerning the environment. It examines the relationship between individuals, society, and the environment using various perspectives [i.e., the humanities, religions (Eastern and Western), philosophical and cultural traditions, and different political and economic systems]. The course focuses on the interplay of personal and cultural values and how they influence attitudes toward the environment. Students are encouraged to develop a "sense of place" that grounds them intellectually, spiritually, and physically in the geographic area in which they live.

- three semester hours

GIS 100 Introduction to Geographic Information Systems

This course is a broad and somewhat intensive introduction to the study of Geographical Information Systems (GIS). By learning to use ArcView, a computer based mapping software, you will learn how to work with spatial data as well as how to organize, query and present such data. We will do this by working with various examples and applications from the environmental and social science.

- three semester hours



General Studies

John P. Sauter Jr., Program Adviser

jps@niagara.edu

Goals

The College of Arts and Sciences offers an associate in arts (A.A.) in General Studies. This program of study is intended for students seeking a terminal associate in arts degree and those seeking the associate in arts degree as a possible stepping-stone to a bachelor's degree. It is also relevant for students who are undecided or wish to explore alternative majors, but are too far along in their degree requirements for the Academic Exploration Program.

The aim of this program is to provide students with a broadly based, integrated course of study in liberal studies which introduces students to a specific body of knowledge, stimulates a student's intellectual curiosity and encourages future study. Individual schedules are tailor made with your adviser to explore your academic and career goals. As students figure out their interests, the curriculum can be adjusted to assist them in transitioning to a specific bachelor's degree program. A student enrolled in this program selects from the same courses available to other NU students.

A.A - General Studies

Arts & Sciences

	Units
General Education Foundation Courses	5
WRT 100 Writing and Thinking	1
ENG 100 Introduction to Literature	1
REL 101 or 103 Religious Studies elective	1
PHI 205 or 206 Philosophy elective	1
HIS 199 America & the Contemporary World	1
General Education Distribution Electives	10
Natural science elective	1
Social science elective	1
Humanities elective	1
Cultural diversity elective	1
Analytical skills I (MAT/AS)	1
Analytical skills II (AS)	1
Free electives	4
Concentration	5
A sequence of 5 approved courses in one discipline selected from major or minor requirements set forth by each department.	

Total Program: 20

To qualify for this degree a student must satisfy the requirements indicated above and achieve a minimum of 2.00 QPA overall and in the concentration.

Transfer credit into this degree program cannot exceed 10 units (30 semester hours).

Credit from the General Studies degree is transferable to a four-year degree provided the requirements correspond to the particular program desired.

Gerontology

Susan E. Mason, Ph.D., Coordinator

sem@niagara.edu

www.niagara.edu/laba

Goals

As the elderly population in the United States continues to grow, there is a corresponding increase in the need to prepare a workforce with the appropriate knowledge, skills, and values. Some students are preparing for careers that will bring them in direct contact with older adults in health and human services, government, business, or education. Others may have less direct contact, but because older adults represent a large and growing segment of the population, students in every major will benefit from an understanding of the interests, abilities and needs of older adults. The gerontology program will not only introduce students to the study of aging and the aged, it will provide opportunities for experiential learning, including research training, internships and community service placements working with the elderly.

Program

Students completing a Bachelor of Arts in Liberal Arts with a Concentration in Gerontology are required to take GRN 100 (Introduction to Gerontology) plus four other courses from Block 1 (Psychology), three courses from each of two other blocks, and the Senior Seminar (LAM 499; LAM 403/404 for Honors Students). At least two courses, not including the Senior Seminar, must be at the 300 or 400 level.

In addition to coursework required by the Gerontology Model Major, students will also be required to complete all requirements of the Liberal Arts Program. For specific degree requirements unique to the Liberal Arts Program, consult the description of the program in this catalogue.

Block 1

GRN 100	Introduction to Gerontology
PSY 201	Developmental Psychology
PSY 215	Psychology of Aging
PSY 401, 402, 403, 404	Supervised Research
PSY 491	Practicum

PSY 493, 494, 495, 496 Psychology Co-op

Block 4

SOC 322	Sociology of Aging
SOC 493, 494, 495, 496	Sociology Internship

Block 3

SWK 212	Human Behavior & Social Environment II
SWK 252	Death and Dying
SWK 352	Social Work with the Aging
SWK 493, 494	Social Work Internship

Block 4

BIO 101	Human Biology
BIO 104	Human Genetics
BIO 231	Human Anatomy and Physiology
BIO 337	Oncology
BIO 360	Pathophysiology
BIO 489	Internship in Health Studies
BIO 493, 494, 495, 496	Biology Co-op
BIO 497, 498, 499	Independent Study



Gerontology Minor

Susan E. Mason, Ph.D., Program Coordinator
sem@niagara.edu

Goals

As the elderly population in the United States continues to grow, there is a corresponding increase in the need to prepare a workforce with the appropriate knowledge, skills, and values. Some students are preparing for careers that will bring them in direct contact with older adults in health and human services, government, business, or education. Others may have less direct contact, but because older adults represent a large and growing segment of the population, students in every major will benefit from an understanding of the interests, abilities and needs of older adults. The gerontology program will not only introduce students to the study of aging and the aged, it will provide opportunities for experiential learning, including research training, internships and community service placements working with the elderly.

Program

Students completing a minor in gerontology are required to take the core introductory course, GRN 100: Introduction to Gerontology, plus four advised electives.

GRN 100 Introduction to Gerontology (SS/CD)

An introduction to the field of gerontology. The course takes a multidisciplinary approach to the study of aging and older adults, considering biological, psychological and sociological perspectives. GER 100 is open to all students; there are no prerequisites. The course can count as a social science, or as a cultural diversity course.

Electives

PSY 201	Development Psychology
PSY 215	Psychology of Aging
PSY 401, 402, 403, 404	Supervised Research
PSY 406, 407	Honors Thesis
PSY 491	Practicum
PSY 493, 494, 495, 496	Psychology Co-op
SOC 322	Sociology of Aging
SOC 403, 404	Honors Thesis
SOC 493, 494, 495, 496	Sociology Internship
SWK 212	Human Behavior and the Social Environment II
SWK 252	Death and Dying
SWK 352	Social Work with the Aging
SWK 405, 406	Honors Thesis
SWK 493, 494	Social Work Internship
BIO 101	Human Biology
BIO 104	Human Genetics
BIO 231	Human Anatomy and Physiology
BIO 337	Oncology
BIO 360	Pathophysiology
BIO 403, 404	Honors Thesis
BIO 489	Internship in Health Studies
BIO 493, 494, 495, 496	Biology Co-op
BIO 497, 498, 499	Independent Study

Department of History

Zdenka Gredel-Manuele, Ph.D., Chairperson
zgm@niagara.edu

Goals

The history department offers survey, theme, regional and special courses to reveal patterns of change and continuity in human thought, values, and institutions. Studying the past helps us in understanding the present and anticipating the future. Furthermore, students should better appreciate our multicultural society and their place in it.

The department believes that upon completing the curriculum, students will be able to: read perceptively, think critically and write clearly; use the library and computer technology to locate primary and secondary sources for any period of history; synthesize historical materials for presentation orally and in writing; explain the general characteristics of major periods in U.S. and European history and in some detail the central issues and major historical interpretations for at least two periods in each area; explain the general characteristics of three major non-Western regions and in some detail the historical development and issues of each; demonstrate an understanding of cultural diversity issues both globally and within the United States; and explain the historical background of current social, political, cultural and economic issues.

Programs

The department of history offers four degree programs:

- B.A. in history
- B.A. in social studies - secondary
- B.A. in social studies - elementary
- B.A. in social studies - Special Education and Childhood, 1-6
- B.A. in social studies - Special Education and Adolescence, 7-12

Niagara's social studies education programs are all accredited with the National Council for Accreditation for Teacher Education (NCATE) and are in compliance with the guidelines of the National Council for the Social Studies.

B.A. - History		Arts & Sciences	
		<i>Units</i>	
General Education Requirement		20	
<i>See General Education</i>			
Foundation Courses		9	
Distribution Courses		11	
Major Requirement		20	
HIS 200	Introduction to Research	1	
HIS 400	Senior Seminar	1	
300 Level	American History	2	
300 Level	European History	2	
300 Level	Non-Western History	3	
	History electives	5	
	Advised electives*	6	

Total Program: 40

**Students are urged to utilize these to form a minor or broaden their intellectual knowledge.*

B.A. - Social Studies		Education	
With teacher certification, B-6, 1-6, 1-9, 7-12, 5-12			
		<i>Units</i>	

General Education Requirement		20	
<i>See General Education</i>			
Foundation Courses		9	
Distribution Courses		11	
Professional Requirement		9	
Major Requirement		12	
	European History (usually HIS 101 & 102)	2	
	American History (usually HIS 103 & 104)	2	
	Non-Western History (African/Asian/Latin)*	2	
GEO 290	Political Geography	1	
	Economics (usually ECO 101, 102, 110, or 111)	1	
	Political Science (usually POL 101)	1	
HIS 200	Research	1	
	History electives from any area of European or American history	2	

Total Program: 40

**Education majors must take their second unit in a non-Western history in the distribution component.*

A college-level foreign language other than English is required for New York state certification.

A college-level course (three credit hours) in English, mathematics, science, social studies and a language other than English is required for New York state certification in elementary grades.

B.A. - Social Studies		Education	
With teacher certification, Special Education 1-6 & 7-12			
		<i>Units</i>	

General Education Requirement		20	
<i>See General Education</i>			
Foundation Courses		9	
Distribution Courses		11	
Professional Requirement		11	
Major Requirement		12	
	European History (usually HIS 101 & 102)	2	
	American History (usually HIS 103 & 104)	2	
	Non-Western History (African/Asian/Latin)	2	
GEO 290	Political Geography	1	
	Economics (usually ECO 101, 102, 110, or 111)	1	
	Political Science (usually POL 101)	1	
HIS 200	Research	1	
	History electives from any area of European or American history	2	

Total Program: 41

**Education majors must take their second unit in non-Western history in the distribution component.*

A college-level course (three credit hours) in English, mathematics, science, social studies and a language other than English is required for New York state certification in elementary grades.

Minor – History

The minor in history is awarded to a student who successfully completes a sequence of six courses in history (other than HIS 100 or HIS 199). The sequence must include at least one 300-level course in each of the following areas: European history, American history, and non-Western history. The sequence is determined by the student in consultation with a departmental adviser.

Courses

**indicates courses which cannot be challenged.*

HIS 101-102 Western Civilization (H)

Overview of major political, economic, and cultural forces in the development of Western civilization from early times to the present.
- six semester hours

HIS 103 History of the United States, 1400-1876 (H)

This course seeks to introduce students to American history from the age of discovery until the end of Reconstruction. Basic methods of historical study and central themes such as America's multicultural origins, society and politics, equality and freedom, and sectional differences will be covered.

- three semester hours

HIS 104 History of the United States Since 1877 (H)

This course seeks to introduce students to American history from the end of Reconstruction until today. Basic methods of historical study and central themes such as immigration, civil rights, war and social change, and political transformations will be discussed.

- three semester hours

HIS 199 America and the Contemporary World

Interpretive overview of developments affecting America and Americans during the turbulent years since World War II. Examines the nation's rise as a global superpower, the expanding role of central government, and related political, economic, scientific, social, and cultural developments. Provides perspectives on our future by evaluating the impact of developments on fundamental American values.

- three semester hours

•HIS 200 Introduction to Research

This course focuses on doing research in the discipline of history. Research theory, research technique, and evaluation of sources are stressed. Students work in all of the following areas: topic selection, source location, source evaluation, structural integrity of a report, elements of style, technology, and appropriate use and citation of sources. Required of all history and social studies majors usually during their sophomore year.

- three semester hours

HIS 201-299 Theme Courses

An ever-changing series of courses in particular topics of historical significance. Designed for all students regardless of class level or academic major. Specific courses listed each semester on preregistration class schedule. The following are examples of theme courses which the department currently offers.

HIS 201 Hitler and the Third Reich (H)

Study of the developments which led to Nazi dictatorship. Topics discussed will include Germany's intellectual background, the role of Adolph Hitler, and the political, social and economic factors which caused the rise and fall of the Third Reich.

- three semester hours

HIS 205 Independent Study

Special archival, reading, or field research projects arranged individually between student and instructor. Open to all students by permission of instructor.

- three semester hours

HIS 206 Revolutions in European History (SS)

This course is a comparative study of revolutions and revolutionary epochs in modern European history. It aims to analyze the origins, dynamics, and consequences of the revolutions that have shaped Europe and the world.

- three semester hours

HIS 262 The Vietnam War (H)

America's Vietnam War was the longest our nation ever fought, lasting 25 years and spanning six presidential administrations from Truman to Ford. This course explores the reasons for our involvement, the ways we fought the war, why it lasted so long, and why it culminated in an American defeat. Probed within this context are the Vietnamese social revolution, the antiwar movement within American society, events in Southeast Asia since 1975 when the United States withdrew, and the historical lessons to be learned from the war.

- three semester hours

**HIS 270 Living with the Bomb:
Asia in the Nuclear Age (CD/H)**

Examines the effects that nuclear weapons have had on Asian international relations from WWII to today. Pays particular attention to nuclear proliferation over the past decade and the potential repercussions this might have during the 21st century.

- three semester hours

HIS 272 New York State History (H)

"Empire State" refers to New York State's vast geographic expanse and economic power. This course investigates the state's development into an "empire" from before European contact to the 21st century. Students will learn about the state's history, its continuous multicultural nature, and the tension between economic development and environmental conservation.

- three semester hours

HIS 273 The Rise of Black America (CD/H)

This course follows the rise of modern black American society from the trauma of the slave trade and slavery through the dramatic struggle for freedom in the present era. Basic topics will be complemented by study of the emergence of Afro-American culture – art, music and literature.

- three semester hours

HIS 274 American Military History (H)

Examines the development of the American military establishment from colonial times to the present, with special emphasis on its relationship to society, the evolution of war, joint operations, the progression of military professionalism in the United States and the military thought, ideals and strategies of selected American adversaries.

- three semester hours

HIS 280 Asia-Pacific World (CD/H)

Provides in images and print a historical introduction to modern Asia. Wars, revolutions, social change, economic growth and outstanding human figures are seen in stories of how China, Japan, Korea, Vietnam, India, Pakistan, Afghanistan, Indonesia and other peoples struggled to become modern nations that challenge Western economic, legal, and military supremacy.

- three semester hours

HIS 290 World Terrorism (CD)

This course examines the history of modern terrorism. Starting with the radicals of the French Revolution and ending with the current crisis in the Middle East, the course analyzes the paradoxical link between terror and the quest for "progress," "democracy," and "freedom." It also examines terrorism as an extreme form of protest against industrialization, and the perceived breakdown of "traditional" values.

- three semester hours

HIS 295 Media Studies and World Affairs (SS)

Interpretive appraisals of global events as they occur and are reported to the American people. Critical examination of newspapers, magazines, and television to appreciate how media can distort as well as reveal realities.

- three semester hours

HIS 300 Great Historians and Issues (H)

Readings on issues of major historical significance which reflect the historians' diverse approaches to the discipline. An essential course for students contemplating doing advanced study in the discipline of history.

- three semester hours

HIS 303 The Renaissance (H)

An exploration of the intellectual, cultural, religious and political influence of humanism in Italy and Western Europe in the 14th and 15th centuries. Focus will be the literary and artistic contributions made by Renaissance "greats" such as Dante, Petrarch, Leonardo da Vinci, and Michelangelo.

- three semester hours

HIS 304 The Reformation (H)

A study of the religious revolution in the 16th century as expressed in the Protestant and Catholic Reformations, and their historical ramifications. Topics will include the Renaissance Papacy, Luther and Germany, Calvinism, the Anabaptists and the Jesuits.

- three semester hours

HIS 305-306 History of England (H)

A survey of English society's development from the Roman invasions to the present. English jurisprudence and constitutional development will be stressed. Other topics will include parliamentary ascendancy, imperialism and Ireland. Recommended for prelaw majors.

- six semester hours

HIS 307 The Coming of the French Revolution (H)

A study of the social, economic and political factors from the close of the 16th century civil wars in France to the eve of the Great Revolution. Topics discussed will be absolutism, mercantilism, the philosophies and the origins of the French Revolution.

- three semester hours

HIS 308 The French Revolution and Napoleon (H)

Examination of the political and social aspects of the French Revolution and the rise, enactment and overthrow of the Napoleonic system in Europe. Emphasis will be placed on studies of social composition, personalities and artistic developments during this era.

- three semester hours

HIS 309 Nineteenth Century Europe (H)

A study of the political, social, economic and cultural events from the Congress of Vienna, through the periods of Italian and German unification, to the Imperialistic Age at the eve of World War I. Trends such as conservatism, liberalism, socialism, and romanticism will be examined.

- three semester hours

HIS 310 War and Peace in 20th Century Europe (H)

An examination of the historical events leading to victory, defeat and peace in the First and Second World Wars. Special emphasis will be placed on the rise of totalitarian regimes and the development of democratic political systems.

- three semester hours

HIS 311 Contemporary Europe (H)

The course will examine the European political, social and economic scene from the post-World War II period of reconstruction to the present. Topics of discussion will include the Cold War, the impact of totalitarianism and democracy on world affairs, the fall of Communism and the creation of the European Union.

- three semester hours

HIS 312 Twentieth Century Eastern Europe (H)

This course will present a historical overview of East European political development from the period before and after the Second World War. It will examine the power which the Soviet Union exerted and the path which led to the fall of communism and the rise of nationalism.

- three semester hours

HIS 313-314 European Social and Intellectual History (H)

Examination of the social and intellectual development of Europe from 1500 to the present. Investigation will center on the European transition from a traditional to an industrial society, and the impact of this change on the world of ideas as evidenced by the work of Europe's greatest thinkers.

- six semester hours

HIS 315 France: 1958-Present (H)

This course discusses the major political, social, economic, and intellectual trends under the Fifth Republic (1958-). Special attention will be paid to Charles de Gaulle and the founding of the Fifth Republic, the student revolt of 1968, the presidency of Francois Mitterrand, and French foreign policy.

- three semester hours

HIS 316 The Holocaust (H)

Examination of the annihilation of 6 million Jewish people and millions of innocent others as a result of Nazi policies which legalized discrimination, allowing prejudice, hatred, and, ultimately, mass murder to occur.

- three semester hours

HIS 317 Technological Revolutions in Modern Society (SS)

An examination of the nature of technological revolutions and their impact on society, culture, and the environment 1789-present. Focusing on the pivotal role of the engineer/inventor in modern history, the course investigates the relationship between political, economic and technological revolutions. It also explores the ethical and moral dilemmas of technological "progress."

- three semester hours

HIS 321 History of Russia (CD/H)

A comprehensive study of Tsarist Russia emphasizing the essential determinants fostering the revolution of 1917.

- three semester hours

HIS 322 History of the Soviet Union (CD/H)

A study of the complex interrelationships between government, ideology, economics, military affairs and diplomacy guiding Soviet development from the revolution in 1917 to superpower status.

- three semester hours

HIS 323 The Soviet Union in World Affairs 1917-45 (H)

A comprehensive overview of the Soviet entry into world affairs and its role in promoting social, economic and political instability resulting in World War II; special emphasis on Western Europe, the Spanish Civil War and China.

- three semester hours

HIS 324 The Soviet Union in World Affairs 1945-Present (H)

A study of Soviet motives and policies after World War II, with special emphasis upon the impact of ideology on Soviet culture, the Soviet relationship to anti-colonial movements, the political exploitation of space, the impact of détente, and the legacy of the Soviet Union after its collapse.

- three semester hours

HIS 338 The Atlantic World, 1400-1760 (CD/H)

This course investigates the development of the northwestern Atlantic basin from its existence as a multinational hodge-podge of foundering settlements to viable, complex societies. It focuses on the interaction of the three worlds – Europe, Africa, and Native America – that collided to remake the New World. Important topics include discovery and settlement, cultural exchange, slavery, and trade.

- three semester hours

HIS 340 The Social Revolution - America, 1754-1826 (CD/H)

This course evaluates the social, economic, political, and religious transformations experienced during the Revolutionary era. Individuals and broad cultural and social trends illustrate how the Revolution was more than a political or military event. This course asks whether or not America became more or less open and democratic between 1754 and 1826.

- three semester hours

HIS 342 The Early American Nation (H)

America changed dramatically during the early nineteenth century. This course will describe and evaluate the change based on the experiences of everyday Americans, especially women, African Americans, and Indians. It analyzes the democratization of politics, cultural development, the "Market Revolution", reform movements, and territorial expansion. Conflict and anxiety dominate the period.

- three semester hours

HIS 343 The Civil War Era, 1850-1877 (H)

The Civil War defines what both separates and unites the American nation. This course analyzes the war's causes, the experience of war, why people fought, reuniting the nation, and the war's continued legacy. Battles and military strategy appear only as they inform the war's social, cultural and political importance.

- three semester hours

HIS 344 Big Business and the Gilded Age (H)

Interpretative analysis of modern America's emergence during the late 19th century, including the rise of industrialism, immigration, urban and rural dislocations, and governmental responses.

- three semester hours

HIS 345 From Roosevelt to Roosevelt (H)

A study of the Progressive Period, the '20s, the Depression, and the New Deal. Close attention directed also to the rise of the United States to the status of a global power through World War II.

- three semester hours

HIS 346 Civil Rights Movements (CD/H)

Explores the development of movements for equal rights for all Americans with primary emphasis on the post-World War II African American civil rights movement. Traces the earliest roots of the equal rights movement from the pre-Civil War period through Reconstruction and the "nadir of race relations in America" to the early twentieth-century developments that laid the groundwork for the movement of the 1950s and 1960s. Concludes with consideration of the continuing struggle and the impact of the African American civil rights movement on other efforts to achieve equal rights.

- three semester hours

HIS 347 Contemporary Problems – Domestic (SS)

A problems approach to selected domestic issues facing American society today, historical backgrounds, current contours, and proposed solutions.

- three semester hours

HIS 348 Contemporary Problems – Foreign (SS)

A problems approach to selected foreign affairs issues facing American society today, historical backgrounds, current contours, and proposed solutions.

- three semester hours

HIS 351-352 American Economic Life (SS) (also ECO 110-111)

Growth and development of the American economy under a free enterprise ideology and examination of conditions which led to government intervention and the creation of a mixed system. Second semester focuses on twentieth-century developments and the causes and impact of economic globalization.

- six semester hours

HIS 353 American Labor History (H)

Conditions and status of the American worker from the colonial period to the present, stressing labor's response to changes arising from the industrialization. The course traces the evolution of the American labor movement in its broadest context by examining successful adaptations, forgotten failures, its unique ideology, and its relationship to radical and reform movements.

- three semester hours

HIS 354 The Rise and Fall of the American City (SS)

Examines the evolution of the American city from the colonial period to the present. The course explores the changing role of the city in national development and the city's responses to problems associated with those changes. The transformation of the American city into an industrial center is stressed, as is the emergence of the modern metropolis and the unprecedented megalopolis.

- three semester hours

HIS 357 Early American Foreign Policy (H)

Interpretive and descriptive study of American foreign policy from colonial times to World War I; its theory, practice, and results, with emphasis on US use of law and diplomacy to navigate a system of more powerful states.

- three semester hours

HIS 358 Modern American Foreign Policy (H)

Interpretive and descriptive study of American foreign policy from World War I to the present. America's emergence as a global power in modern times, the nexus of domestic and foreign affairs, and the legal dimensions of US power are highlighted.

- three semester hours

HIS 371 The Middle East (CD/H)

Change and continuity in Southwest Asia and North Africa from the rise of Islam to the present with emphasis on the relationship with the West and the challenge of modernity. Considers the evolution of the empire created by the original expansion of Islam, Western imperialism, the development of nationalism and the struggle for independence.

- three semester hours

HIS 374 Modern Africa (CD/H)

A study of the crucial issues of the colonial and post-colonial periods in east Africa. Study of the economic, social and religious revolutions in African societies and consideration of resistance and freedom struggles including the Mau Mau rebellion.

- three semester hours

HIS 375 Modern China (CD/H)

The people of China and their massive social revolution from its origins to the quest today for national power and an egalitarian society.

Interdisciplinary approach: literature, geography, economics, politics, and science from a historical perspective.

- three semester hours

HIS 376 Modern Japan (CD/H)

The people of Japan and their successful transition from feudal society to modern national and global economic power today. Interdisciplinary approach: literature, geography, economics, politics, and psychology from a historical perspective.

- three semester hours

HIS 379 Modern Latin America (CD/H)

Examines the roots of Latin America's continuing struggle for political stability and economic development. From the Spanish and Portuguese cultural legacies to the rise of nationalism to independence and development of national states, an analysis of the complex mix of ideologies, personal ambition, and external forces that have shaped the Latin American social, political and economic scene today. Special attention to the problem of dependency and its impact on development in the twentieth century.

- three semester hours

HIS 399 Independent Study

Individual reading on research in special topics mutually agreeable to student and tutor. Open to students by permission of chairperson. Arranged individually.

- three semester hours

HIS 400 Senior Seminar (WI)

Research seminar designed to stress primary sources, evoke in-depth research, and produce from each participant a solid paper worthy of a bachelor's degree. Topics selected in harmony with student interest and instructor preference. Required of all history majors during their senior year.

- three semester hours

•HIS 403-404 Honors Thesis I and II (WI)

Individual research of substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

HIS 493, 494, 495, 496 History Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk to their adviser.

- zero to six semester hours

GEO 290 Political Geography (SS)

A study of geographic factors and their influence on world history with special attention given to the relationship of physical environment with political and cultural developments on a regional basis. Requirement for social studies majors.

- three semester hours



International Studies Program

David Reilly, Ph.D., Program Coordinator

dreilly@niagara.edu

www.niagara.edu/intl/

Goals

International Studies is an interdisciplinary program intended to promote student awareness of differing cultural perspectives, and appreciation and respect for the distinctiveness of cultures. By the completion of the program, students should develop the following competencies:

- Ability to analyze international phenomena by developing and conducting a research plan.
- Ability to identify sources of information and courses of study that will answer, solve, and/or inform a question, problem, or field of international study.
- Ability to understand core concepts and methodologies of different fields, and to assimilate and integrate information and ideas from different fields.
- Ability to present information in written and oral formats.
- Ability to translate concepts and theories into real-world applications and ability to function effectively in business, governmental, and foreign academic or social environments.
- Ability to integrate emerging technologies into research and communication; awareness of potential visions of the future and the implications of rapid technological change.
- Knowledge of links between International Studies major and potential careers.
- Awareness of ethical considerations in the world and ability to make ethical decisions in career.

Through course work, study abroad and internship programs, students are prepared for a variety of international careers.

Programs

Students considering the International Studies major will meet with the Program Director to identify a field of study. The student will maintain a digital portfolio that keeps a record of how each course he or she is taking for the major relates to the field of study. The student will also maintain a record in the portfolio of any other experiences and/or courses that relate, including study abroad, internships, and/or service learning projects. All International Studies students are expected to participate in a study abroad program and/or an internship that includes substantial international content.

B.A. - International Studies

		Arts & Sciences	Units
General Education Requirement			20
<i>See General Education</i>			
	Foundation Courses	9	
	Distribution Courses	11	
International Studies Major Requirements			20
INT 100	Introduction to Int. Studies	1	
INT 200	Research Concentration	1	
	Pol. Sci. – International Relations	1	
	Pol. Sci. – Comparative Government	1	
	History – Non-United States	2	
	Language Elective*	1	
	Courses with substantial international content	4	
	Advised Electives**	8	
INT 400	International Studies Senior Seminar	1	
Total Program			40

*In the requirements for General Education Distribution Courses, International Studies students must take two Language Analytical Skills courses as well.

**Advised Electives will be selected in consultation with an International Studies Major adviser based on the student's field of study.

Minor - International Studies

- (1) INT 100 - Introduction to International Studies
- (2) Any foreign language course.
- (3) One course in non-United States history.
- (4) One course in political science in comparative political systems or international relations. Global-oriented courses offered under POL 398 (Political Science Topics: A Topical Seminar) will also satisfy this requirement.
- (5) One elective course from either foreign language, history (non-United States), or political science (comparative or international relations focus).

Courses

•indicates courses which cannot be challenged.

•INT 100 Introduction to International Studies

This course is designed to introduce students to the scope and methods of international studies. Topics of transnational significance, especially those which reveal the similarities and differences of the world's societies and cultures will be considered. Given the interdisciplinary nature of the program, issues of world geography, society, economy, environment and politics will be examined from different cultural and theoretical perspectives.

- three semester hours

•INT 200 Research Concentration in International Studies

This course is designed to introduce students to the systematic analysis of international processes and phenomena. Methods of critical investigation from a variety of disciplines are applied to research topics as students determine their subfield of inquiry, research question, and approach to answering the question.

- three semester hours

•INT 398 **Special Topics Seminar**

A seminar focusing on a conceptual issue of the instructor's choice.
- three semester hours

•INT 400 **Senior Seminar in International Studies (WI)**

Using methods and theoretical frameworks from disciplines such as history, political science, sociology, anthropology, and communications, students engage in research on an international topic.
- three semester hours

•INT 403 and 404 **Honors Thesis I and II (WI)**

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- three semester hours

For a description of the other courses that comprise the international studies program, please see the course descriptions listed under the participating departments.

INT 493, 494, 495, 496 **International Studies Internship/Co-op**

A junior or senior work study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk to their adviser.

- zero to six semester hour



Italian Studies Minor

Dr. Daniel Pinti, Ph.D., Coordinator

dpinti@niagara.edu

Goals

The peninsula and islands that today make up Italy have always been the scene and source for a variety of histories and cultures. Beyond Italy itself, large Italian communities may be found from Argentina to Australia, and of course in Canada and the United States. Consequently, Italian studies is a dynamic field that encompasses everything from painting and poetry in 14th century Italy to the literature and culture of contemporary Italian Americans. Moreover, in our increasingly global society, Italian studies can be a valuable complement to major programs in business, hospitality and tourism, English, fine arts, political science, and, of course, another foreign language. The minor in Italian studies offers the chance to explore many facets of Italian language, literature and culture. Students in the program gain a deeper understanding of Italy and its influence, past and present.

Program

The Italian studies minor comprises six courses taken from various departments (modern languages, English, history, fine arts). Two courses in the Italian language are required, while the others are chosen from a list of electives. Every student in the program is strongly encouraged to take advantage of a summer or semester studying abroad in Italy.

Required Courses

ITA 101	Elementary Italian I
ITA 102	Elementary Italian II

Electives

ITA 200	Italian Culture
ENG 312	Studies in American Authors: Italian American Literature
ENG 401	Dante
HIS 303	The Renaissance
FAA 232	Renaissance Art and Culture

Students may enhance their education in Italian studies with several resources on and off campus. These include the recently refurbished foreign language lab with its multimedia resources for language study, as well as study-abroad opportunities in Rome or other parts of Italy. Students may also explore the possibility of getting some credit toward their minor through an internship, co-op or service project in the local Italian-American community.

Justice and Peace Studies Minor

Dr. Judith A. Merkle SNDdeN., Coordinator
merkle@niagara.edu

Goals

The Justice and Peace Council of Niagara University developed this interdisciplinary minor as a manifestation of the university's mission to assist and understand the needs of others. It is designed to provide students with an understanding of issues that affect the aims of justice and peace in the United States and in the global community. The role of liberty and restraint, violence and conflict resolution, justice and despotism, and ideology and empiricism are examined.

Program

The justice and peace studies minor is an interdisciplinary program. It requires the completion of six courses. On completion of the minor program, a certificate in justice and peace studies will be awarded to the student. Students wishing to pursue the minor in justice and peace studies should contact the coordinator.



Units
6

Course Requirements

Core Courses (two units – six semester hours required)	2
REL 357	Christian Social Responsibility (Christian Responsibility)
	Any ONE internship or co-op course involving an experience in a social justice agency. The internship or co-op can be taken in criminal justice, political science, psychology, social work or sociology.
Electives (four units – 12 semester hours required)	4
	Students will select ONE course from each of FOUR (of the five) groupings below.
Group I	
CRJ 201	Introduction to Criminal Justice
CRJ 265	Principles of Justice
CRJ 320	Comparative Criminal Justice
Group II	
HIS 201	Hitler and the Third Reich
HIS 206	Revolutions in European History
HIS 310	War and Peace in 20th Century Europe
HIS 346	Civil Rights Movement
Group III	
POL 103	International Issues
POL 105	Comparative Government
POL 220	Women and The Law
POL 355	Civil Liberties
POL 362	Political Development
POL 368	Revolution and Revolutionary Leadership
Group IV	
SOC 303	Social Problems
SOC 325	Ethnic/Racial Relations
SOC 328	Social Change
SWK 100	Introduction to Social Work
SWK 200	History of Social Services and Policy (Prerequisite SWK 100 or permission of instructor)
SWK 251	Cultural Diversity (Prerequisite SWK 100 or permission of instructor)
Group V	
CMS 361	Politics and Media
CMS 354	International Communications
INT 100	Introduction to International Studies
POL 241	Public Policy
ENV 200	Introduction to Environmental Studies

Latin American Studies Minor

Gina Ponce de Leon, Ph.D., Assistant Professor, Minor Coordinator Modern and Classical Language Department
gmp@niagara.edu

Goals

Latin American Studies encourages students to learn more about the importance of Latin American social, cultural, political, and economic systems. Because the faculty members belong to many departments at Niagara University, students in this minor will gain an interdisciplinary perspective on Latin American issues as well as direct cultural contact with Latin American scholars. Because Latin America is an area of growing importance to the United States, the opportunity of experiencing the culture is invaluable.

Program

The minor requires six courses.

1- Mandatory for the Latin American Studies minor

LAS 200: "Latin America from Latin America- A Survey" (offered every Fall)

2-Two language courses are mandatory:

Students can select any course from the following: SPA 101, SPA 102, SPA 103, SPA 104 or SPA 110, SPA 205 or SPA 206.

And any three courses from the following electives:

LAS 201,	20 th century Latin American Art
ENG 348	Ethnography and Travel Writing
SPA 200	Hispanic Women Writers in Translation
SPA 307	Latin America- Civilization and Culture
SPA 306	Current Issues in the Hispanic World
SPA 319	Special Topics in Hispanic Cinema
SPA 493-94-95-96	Co-op Internship
SPA 420	Chicano Literature
SPA 428	Curso de perfeccionamiento
SPA 426	Teaching Assistantship
HIS 379	Modern Latin America
POL 378	Politics and Society of Latin America
CMS 354	International Communication with Latin American Focus
LAS 493-94-95-96	Co-op/Internship

Courses

LAS 100 Introduction to Latin American Studies (H/CD)

This course will introduce students to the richness of Latin America from their inception to the present, studying the culture and civilization related to contemporary times. Students will have lectures about specific topics from speakers abroad using the LDC* at NU. The course will also study the Chicano Culture in the USA.

LAS 200 Latin America from Latin America – A Survey (H/CD)

An introduction to Latin American history, geography, economy and culture from Pre-Columbian times to the 1800s. With an interdisciplinary approach, through videoconference and web technologies, specialized scholars from universities abroad present topics designed to portray Latin America from a Latin American point of view. This course is taught in English.

-offered every fall semester

LAS 201 Latin American Art of the Twentieth Century (H/CD)

Students will be given the unique experience of creating an exhibition of works by Latin American artists in the Castellani's collection from the initial selection process through the various components of publicizing the show, thus introducing the full "behind the scenes" activities of museum work. The rich stylistic history of the 20th century Latin American art will be introduced week by week as students delve deeper into researching the artwork and museum procedures to display and explain it. This course is taught in English.

LAS 493, 494, 495, 496 Co-op/Internship

A junior or senior work-study program providing employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op or internship should talk to their adviser.

Niagara University has study-abroad programs in Santiago, Chile, and Monterey, Mexico. For descriptions see the modern and classical languages department section of the catalog.

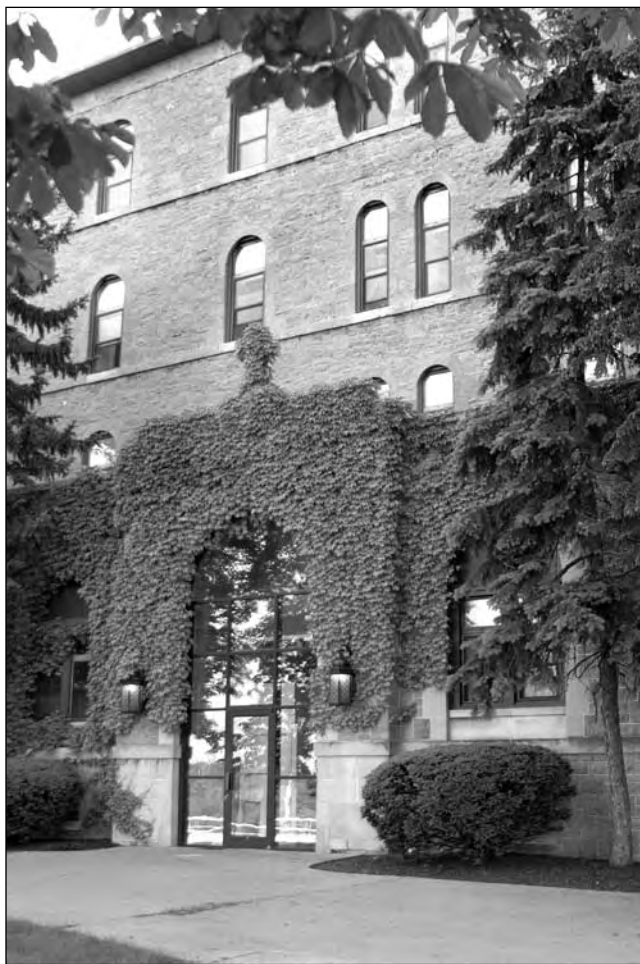


Law and Jurisprudence Minor

Peter J. Baxter, J.D./Ph.D., Chairperson
www.niagara.edu/pol

Minor - Law and Jurisprudence

POL 101	American Government	1
POL 203	Introduction to Law	1
POL 354	American Constitutional Law	1
POL 355	Civil Liberties	1
POL 201, 271, 301, 304, or 337	Political Theory	1
POL 220, 358, 386, or legal internship	Law elective	1
Total Program		6



Liberal Arts

Matt Jackson-McCabe, Ph.D., Program Coordinator
mjmccabe@niagara.edu
www.niagara.edu/laba

Goals

The Liberal Arts Program allows students to pursue majors not otherwise available at Niagara University by combining two or three disciplines in the university's College of Arts and Sciences in order to pursue some topic or theme of interest.

There are two broad options within LABA. The first is to follow one of the already-established paths defined by the program's Model Majors. On the other hand, the program also offers creative, thinking students the opportunity to design individualized majors especially suited to their own particular interests or career goals. Working closely with faculty from each of the relevant disciplines and the Office of Career Development, these students plot their own course of study around some core problem, topic, or theme that cuts across traditional disciplinary boundaries.

Beyond guiding students to a sophisticated understanding of their program topic, the central goals of the LABA Program are to produce independent, critical thinkers who are able to find and to understand the interconnections between academic disciplines; who can synthesize diverse types of knowledge; and who are self-conscious about the relationship between their studies and their career goals. In this way, the Program aims to create graduates who are well prepared for life after college, whether in graduate studies or employment in any number of fields depending upon the topic of study.

Program

Model Majors.

Model Majors are established multi-disciplinary majors within the Liberal Arts Program. Each one involves study in two or three specific disciplines within the College of Arts & Sciences. The program currently offers programs in Art History, Gerontology, Romance Languages, and Writing Studies, with others under development. For more information on each of these specific programs, see the relevant entries in this catalogue.

In addition to coursework, students pursuing a Model Major are required to gradually compile a Liberal Arts Portfolio over the course of their program. This portfolio will include written annual reflections, the senior thesis, and a statement of plans for life after Niagara University. For more information on this portfolio and its component parts, consult the Liberal Arts Program Handbook, available from the program director.

Individualized Majors.

The Individualized Major Program offers creative, thinking students the opportunity to design interdisciplinary majors especially suited to their own particular interests or career goals. Working closely with faculty from each of the relevant disciplines and the Office of Career Development, these students plot their own course of study around some core problem, topic, or theme that is of special interest to them, and that cuts across traditional disciplinary boundaries. As with the Model Majors, Individualized Majors involve major course work in either two or three disciplines.

Because this program involves creating a course of study that is not otherwise available at Niagara University, pursuit of an Individualized Major requires the formal acceptance of an Individualized Major Proposal. The program therefore includes requirements that are intended to guide students toward the production of an acceptable proposal and the subsequent refinement of interests. This work will culminate in the completion of a Senior Thesis and a Liberal Arts Portfolio. Individualized proposals will normally be submitted no later than the Spring Semester of the student's Sophomore year. Students who have not secured formal approval by that time will not be permitted to continue in the program. They can, however, be re-admitted upon subsequent approval of a proposal. Students who wish to enter the program in their Junior or Senior years will not be admitted without prior approval of a proposal.

Students pursuing an Individualized Major must complete twelve major courses chosen from two or three disciplines within the College of Arts and Sciences and eight advised electives in addition to Niagara University's General Education requirements. At least two of the major courses must be at the 300 or 400 level, not including the Senior Seminar.

Individualized Majors that involve two disciplines will normally require the completion of six courses in a primary discipline and five in a second discipline, plus the Senior Seminar (LAM 499). Majors that involve three disciplines will normally require the completion of five courses in a primary discipline and three courses in each of the second and third ones. Honors students need only take a total of ten such courses since they are required to complete Honors Thesis I & II in place of the Senior Seminar. The only course required of all Liberal Arts majors is the capstone course taken in the Senior year: either the Senior Seminar (LAM 499) or, for Honors Students, Honors Thesis I & II (LAM 403/404).

In addition to the course work, students pursuing an individualized major are required to gradually compile a Liberal Arts Portfolio over the course of their program. This portfolio will include written the individualized major proposal, annual reflections, the senior thesis, and a statement of plans for life after Niagara University. For more information on this portfolio and its component parts, consult the Liberal Arts Program Handbook, available from the program director.

B.A. - Liberal Arts Arts & Sciences

Two Discipline Track

		<i>Units</i>
General Education Requirement		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		20
Discipline One	6	
Discipline Two	5	
LABA 499 or LABA 403/404*	1 or 2*	
Advised Electives	8	
Total Program:		40

Three Discipline Track

		<i>Units</i>
General Education Requirement		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		20
Discipline One	5	
Discipline Two	3	
Discipline Three	3	
LABA 499 or LABA 403/404*	1 or 2*	
Advised Electives	8	
Total Program:		40

* One less course unit within one of the major disciplines is required of Honors Students who complete the Senior Thesis in two semesters (LABA 403/404)

Courses

LAM 403 and 404 Honors Thesis I and II (WI)

An integrative, reflective capstone course requiring students to synthesize research from the several disciplines they have studied in the Liberal Arts program or to conduct research on a question or problem that integrates the several disciplines. The course will be conducted as an independent research effort guided by the student's adviser. Students will be required to write a senior thesis in which they apply their acquired skills to a central topic, theme, or question.

LAM 493, 494, 495, 496 Liberal Arts Internship/Co-op

A junior or senior work study program providing relevant employment experience. Registration will occur at the beginning of the experience. The object of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk to their adviser.

LAM 499 Senior Seminar (WI)

An integrative, reflective capstone course requiring students to synthesize research from the several disciplines they have studied in the Liberal Arts program or to conduct research on a question or problem that integrates the several disciplines. The course will be conducted as an independent research effort guided by the student's adviser. Students will be required to write a senior thesis in which they apply their acquired skills to a central topic, theme, or question.

Department of Mathematics

Richard Cramer-Benjamin, Ph.D., Chairperson
www.niagara.edu/math

Goals

The goals of the mathematics department are the transmission of mathematical knowledge, and the application of this knowledge to the life of the individual and to society.

The mathematics department focuses its attention on the individual student and endeavors to guide him or her in developing intellectual curiosity, precision of thought and logical reasoning, as well as increasing intuitive thought, creativity, independent thinking and the ability to utilize technology in the field of mathematics.

The mathematics department serves not only the student body at Niagara but also the community outside the university.

Programs

- B.A. for students interested in pure mathematics or a liberal arts approach.
- B.S. for students interested in applied mathematics.
- B.A. for students wishing to qualify for a provisional teaching certificate in mathematics for secondary, elementary or inclusion elementary/special education.

B.A - Mathematics	Arts & Sciences	<i>Units</i>
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		20
MAT 111, 112, 221	Calculus I, II, III	3
MAT 227	Foundations in Mathematics	1
MAT 228	Linear Algebra	1
MAT 331	Analysis I	1
MAT 333	Algebraic Structures I	1
MAT 499	Mathematics seminar	1
	Mathematics electives (MAT 222 or 300 or 400 levels only)	5
	Concentration electives*	4
CIS 138 or 160 or 265	Computer elective	1
	Advised electives	2

Total Program: **40***
Geared to specialty pattern in mathematics or to a minor specialty in any area. Should be at intermediate and/or advanced levels; departmental approval necessary.

B.S. - Mathematics	Arts & Sciences	<i>Units</i>
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		20
MAT 111, 112, 221	Calculus I, II, III	3
MAT 222	Differential Equations	1
MAT 228	Linear Algebra	1
MAT 331	Analysis I	1
MAT 435-436	Probability and Statistics	2
MAT 499	Mathematics Seminar	1
	Mathematics electives*	4
	Concentration electives**	4
CIS 265, 365	Computer Science I, II	2
	Advised electives	2

Total Program: **40**
**MAT 202, 227, or any 300- or 400-level math course.
 **This should be a concentration in biology, chemistry, biochemistry, computer science, a social science, or business; math department approval necessary.*

B.A. - Mathematics	Education	<i>Units</i>
With teacher certification, elementary grades		
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Professional Requirement		11
Major Requirement		10
MAT 111, 112	Calculus I, II	2
MAT 102	Introductory Statistics*	1
MAT 251	Mathematics for Elementary School Teachers	1
MAT 227	Foundations in Mathematics	1
MAT 228	Linear Algebra	1
MAT 320	Mathematical Modeling	1
MAT 443	Euclidean Geometry	1
MAT 451	History of Mathematics	1
	Mathematics elective (MAT 222 or 300 or 400 levels only)	1
MAT 499	Mathematics seminar	1
CIS 198	Intro to Computers and Programming for Teachers*	1

Total Program: **41**
**MAT 102, Introductory Statistics, and CIS 198, Intro to Computers and Programming for Teachers, must be taken in the distribution component.
 A college-level course (three credit hours) in English, mathematics, science, social studies, and a language other than English is required for New York state certification in elementary grades.*

B.A. - Mathematics

With teacher certification, grades 7-12

		<i>Units</i>
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses	9	
Distribution Courses	11	
Professional Requirement		9
Major Requirement		11
MAT 111,		
112, 221	Calculus I, II, III	3
MAT 227	Foundations in Mathematics	1
MAT 228	Linear Algebra	1
MAT 320	Mathematical Modeling	1
MAT 333	Algebraic Structures I	1
MAT 435	Probability and Statistics I	1
MAT 443	Euclidean Geometry	1
MAT 451	History of Mathematics	1
MAT 499	Mathematics seminar	1
CIS 138 or 160 or 265	Computer elective*	1
Total Program:		40

*Computer elective must be taken in the distribution component.

A college-level foreign language other than English is required for New York state certification, grades 7-12.

Minor – Mathematics

		<i>Units</i>
MAT 111	Calculus I	1
MAT 112	Calculus II	1
	Selected from MAT 221, 222, 227, 228 or any 300-400 level course. One course must be at the 300-400 level.	4

Minor - Statistics

Statistics is an increasingly important tool in many different fields such as psychology, social work, criminal justice, biology, political science, law, sociology, business, marketing, finance, and accounting. A minor in statistics is an excellent way to distinguish yourself when applying for graduate school or employment.

The statistics minor consists of 6 units: two introductory courses, a core course, an elective, a research methods course and an internship. For several majors, two or more of these courses are already required courses.

A. Introductory Statistics Sequence (2 units):

Select one of the following sequences.

MAT 102/CIS 233
MAT 201/BUS 231
MAT 435/MAT 436*
MAT 102/PSY 221
PSY 221/CIS 233

*Note: MAT 435/436 requires MAT 111/112

Education

B. Core Statistics Course (1 unit)

STA 301 Linear Models

C. Elective (1 unit)

STA 305 Nonparametric Data Analysis
GIS 100

D. Research Methods Course (1 unit)

Select one of the following courses:

ACC 346, CMS 330, CRJ 300, MKG 311, SOC 320, SWK 330, POL 390, PSY 222, GIS 100, or another course approved by the supervisor of the statistics minor.

**If a student does not have a research methods course in their major, the student can take a research methods course from a different department.*

E. Internship (1 unit)

STA 499*

** With permission of the supervisor of the statistics minor, this course may be substituted with a 300/400 level course in the student's major, provided the student will be completing a project or thesis that contains statistical research. This project can be a requirement for the course or it can be an extra project. The project/thesis should be presented publicly, and a member of the STA faculty should be informed of the presentation.*

Actuarial Science Track

Actuaries use mathematics to analyze risk in insurance, pension, and other financial situations. It takes a combination of strong analytical skills, business knowledge and understanding of human behavior to design and manage programs that control risk. The actuarial profession has consistently been rated as one of the top five jobs in the United States according to Jobs Rated Almanac.

To become an actuary, a candidate must pass a series of exams in probability, economics, finance and actuarial modeling. Most actuaries begin their careers with one or more of these exams already completed, but will take many of the exams after they have been employed.

Students who are interested in being an actuary would most likely be a math major, with a minor in business or a business major, with a minor in Math. Below are the courses recommended for students interested in Actuarial Science.

MAT 111/112/221 Calculus I, II, and III
MAT 228 Linear Algebra
MAT 305 Mathematics of Finance
MAT 435 Probability and Statistics I
MAT 436 Probability and Statistics II
STA 301 Linear Models

The mathematics department in consultation with the department of commerce has established an actuarial science minor in commerce of the following eight course units:

ACC 111 Financial Accounting
ACC 112 Managerial Accounting
ECO 101 Intermediate Microeconomics
ECO 102 Intermediate Macroeconomics
FIN 320 Managerial Finance

FIN 340 Advanced Managerial Finance
FIN 350 Security Analysis and Portfolio Management
BUS 205 The Legal Environment of Business

- ECO 101 and 102 meet the SOA/CAS requirements for Validity by Educational Experience (VEE) in Economics,
- FIN 320 and 340 meet the SOA/CAS requirements for VEE in Corporate Finance
- MAT 436 and STA 301 meet the SOA/CAS requirements for VEE in Applied Statistical Methods
- MAT 435 and 436 prepare students for SOA/CAS Exam P Probability
- MAT 305 and FIN 350 prepare students for SOA/CAS Exam FM Financial Math

In addition, students interested in Actuarial science should take courses in computer science, speech, and business writing.

Courses

**indicates courses which cannot be challenged.*

MAT 102 Introductory Statistics (MAT/AS)

A study of the basic terminology and methods of elementary statistics including organization of data, measures of central tendency and dispersion, sampling theory, estimation and testing of hypotheses. Also includes an introduction to correlation and linear regression.

Students may not receive credit in both MAT 102 and MAT 201.

- three semester hours

MAT 104 Probability and Games of Chance (MAT/AS)

An introduction and the application of the concepts of probability to games of chance, including poker, roulette, blackjack and others.

- three semester hours

MAT 105 Math Through the Looking Glass (MAT/AS)

Lewis Carroll is best-known as the author of Alice in Wonderland, but he was also a mathematician at Oxford University. He was particularly interested in recreational mathematics, logic, and geometry; those interests are apparent in Alice. In addition to Wonderland and Looking-Glass, this course includes Carroll's Game of Logic and numerous other games, puzzles, and tricks connected with him.

- three semester hours

MAT 106 Introduction to College Mathematics

This course is designed for students who have mastered the basic skills of arithmetic and elementary algebra, but are not adequately prepared for Business Calculus I (MAT 107) or Precalculus (MAT 109). Topics include exponents; scientific notation; graphing; polynomial arithmetic and factoring; linear, fractional, and quadratic expressions and equations; linear equalities; measurement geometry; and trigonometry. **Course does not satisfy the mathematics requirement in the distribution component.**

- four semester hours

MAT 107 Business Calculus I (MAT/AS)

An introduction to calculus with primary emphasis on applications to business and economics. Topics include algebra, problem solving, functions including exponential and logarithmic, mathematics of finance, systems of linear equations, differentiation and applications of differentiation.

- four semester hours

MAT 108 Business Calculus II (MAT/AS)

A study of integral calculus with emphasis on applications to business and economics. Topics include integration, applications of integration, partial derivatives, applications of partial derivatives, systems of equations, matrix algebra, and linear programming.

- four semester hours

MAT 109 Precalculus (MAT/AS)

A study of basic properties of algebra and trigonometry together with algebraic functions, transcendental functions, and analytic geometry. Emphasis will be on providing students with the background necessary to begin the formal calculus sequence.

- four semester hours

MAT 111 Calculus I (MAT/AS)

Prerequisite MAT 109 or placement test

A study of functions, limits, continuity, differentiation, applications of differentiation and an introduction to integration.

- four semester hours

MAT 112 Calculus II (MAT/AS)

Prerequisite MAT 111

A study of integration, techniques of integration, applications of integration and an introduction to infinite sequences and series.

- four semester hours

MAT 201 Business Statistics I (MAT/AS)

Prerequisite: CIS 232. MAT 107 suggested as a co-requisite

A completely integrated computer-based course in which Excel is used to study statistical methods as applied to business, including descriptive statistics, probability sampling, hypothesis testing and statistical inference.

Students may not receive credit in both MAT 102 and MAT 201.

- three semester hours

MAT 202 Statistics II (MAT/AS)

A continuation of MAT 102 including estimating and testing the difference between means, proportions and variances. An introduction to analysis of variance, regression analysis and nonparametric statistics. Students may not receive credit in both MAT 202 and BUS 231.

- three semester hours

- offered spring semesters

MAT 207 Introduction to Operations Research(MAT/AS) (also MGT 207)

A study of matrix techniques for solving problems for business and economics; an introduction to solving general linear programming problems using graphical and simplex procedures. Consideration of other procedures for specialized linear programming problems such as the transportation and transshipment problems.

- three semester hours

MAT 221 Calculus III (MAT/AS)

A study of vectors, vector algebra, analytic geometry in three-space, partial differentiation, multiple integration, sequences and series.

- four semester hours

- offered fall semesters

MAT 222 Differential Equations (MAT/AS)

An introduction to the solution and application of ordinary differential equations.

- three semester hours

- offered spring semesters

MAT 227 Foundations of Mathematics (MAT/AS)

A study of the algebra of sets, relations, functions, cardinality, selected topics of number theory, propositional logic and number systems.

- three semester hours

- offered fall semesters

MAT 228 Linear Algebra (MAT/AS)

A study of vector spaces, linear transformations, matrices, systems of linear equations and determinants.

- four semester hours

- offered spring semesters

MAT 251 Mathematics for Elem. School Teachers (MAT/AS)

Prerequisite: LSK 100 or equivalent as measured by performance on the Niagara University mathematics placement test

A look at the topics of K-5 mathematics including, numbers and operation of whole through rational numbers, algebraic thinking, geometry, measurement, and data analysis with an emphasis on understanding the mathematical concepts being taught. Students must demonstrate proficiency in the basic arithmetic and geometry skills covered in the course. Course is intended for students anticipating careers in elementary education.

- three semester hours

MAT 305 Mathematics of Finance (MAT/AS)

A study of simple and compound interest, bank discount, annuities, amortization, depreciation, perpetuities and bonds.

- three semester hours

- offered spring 2009

MAT 320 Mathematical Modeling (MAT/AS)

An introduction to mathematical problem solving. Primary focus will be using geometry, trigonometry, probability and calculus to model various topics from business, biology, physics, social sciences, engineering and recreational mathematics.

- three semester hours

- offered fall 2008

MAT 327 Discrete Mathematics (MAT/AS)

Discrete Mathematics covers topics dealing with discrete or countable sets (as opposed to continuous sets). Topics of study will be selected from combinatorics, discrete probability, graph theory, the theory of computation, codes, partially ordered sets, lattice theory, number theory, and discrete geometry. Problem solving and proof writing are important skills which will be developed in this course.

- three semester hours

- offered spring 2008

MAT 331 Analysis I (MAT/AS)

A more rigorous approach to the basic concepts of Calculus I, II and III: limits, derivative, integral, and series.

- three semester hours

- offered fall 2008

MAT 332 Analysis II (MAT/AS)

A more in-depth study of the topics of Analysis I, especially generalization to \mathbb{R}^n and consequences thereof.

- three semester hours

- offered spring 2009

MAT 333 Algebraic Structures I (MAT/AS)

An introduction to the basic structures of modern abstract algebra: groups, rings, integral domains and fields.

- three semester hours

- offered spring semesters

MAT 342 Numerical Analysis (MAT/AS)

Prerequisites: MAT 221 and permission of instructor

Numerical analysis covers a large interface between computer science and applied mathematics. It is concerned with such areas as solution of "hard" computational problems, approximation, analysis of error, and the development of fast algorithms. Topics of study will be selected from these areas. Facility in a high-level programming language is required.

- three semester hours

- offered spring 2008

MAT 351 Mathematics for Elem. School Teachers (MAT/AS)

Prerequisites: MAT 251 or 227 or permission of instructor

A look at the topics of 5-8 mathematics including, numbers and operation of rational through real numbers, algebra, geometry, measurement, and probability with an emphasis on understanding the mathematical concepts being taught. Students must demonstrate proficiency in the basic arithmetic and geometry skills covered in the course. Course is intended for students anticipating careers in elementary or middle school education.

- three semester hours

•MAT 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

Successful completion of MAT 404 (not MAT 403) will fulfill the MAT 499 requirement.

MAT 435 Probability and Statistics I (MAT/AS)

An introduction to probability including probabilistic experiments and their sample spaces, random variables and their probability distributions, and functions of random variables and their properties. An introduction to the methods of inferential statistics.

- three semester hours

- offered fall semesters

MAT 436 Probability and Statistics II (MAT/AS)

A continuation of the methods of inferential statistics. Topics include introductory sampling theory, estimation, confidence intervals and hypothesis testing, experimental design, and analysis of variance. Some nonparametric statistics also introduced.

- three semester hours

- offered spring semesters

MAT 442 Introduction to Complex Variables (MAT/AS)

A study of complex numbers, complex sequences, complex functions, analytic functions, differentiation and integration of complex functions and conformal mapping.

- three semester hours

- offered spring 2009

MAT 443 Euclidean Geometry (MAT/AS)

A study of the foundations of geometry including transformations, deductive and inductive reasoning and an introduction to non-Euclidean geometries.

- three semester hours

- offered spring semesters

MAT 444 Modern Geometries (MAT/AS)

A study of modern geometries including an introduction to projective, hyperbolic and elliptic geometry.

- three semester hours

- offered spring 2009

MAT 446 Introduction to Topology (MAT/AS)

A study of topological spaces, continuous maps, homeomorphisms, connectedness, separability, separation axioms, compact spaces and metric spaces.

- three semester hours

- not offered 2007-2009

MAT 451 History of Mathematics (MAT/AS)

An introduction to the history of mathematics emphasizing the evolution of basic concepts ranging from primitive number systems through the foundations of set theory. These concepts will be studied via pertinent problems and the tools available for their solution when they were originally introduced.

- three semester hours

- offered fall semesters

Department of Military Science (Army ROTC)

LTC Patrick A. Soos, Chairperson

The academic courses offered by the department of military science are designed to teach and enhance leadership theory and practice. Courses offer valuable insight into the role the military plays in our government. Courses are open to all students, regardless of their level of interest in the military. Our courses count for both course and GPA credit in any academic major. Courses count as Western Civilization and Social Science elective credits. A military science minor is given to any student who successfully completes all courses.

Students who enroll in the Basic Course, 100- and 200-level courses, do not incur any military obligation.

Prior to enrollment in the Advanced Course, 300- and 400- level courses, a student must have completed the Basic Course, 100/200 level classes or their equivalent.

A non-scholarship student who contracts with ROTC in his/her junior year receives a monthly stipend of \$450. Textbooks for all military science classes are furnished free of charge.

See the financial aid section of this catalog for ROTC scholarship information.

Courses

MIL 101-102 Introduction to Organizational Leadership (SS)

Military Science 101 and 102 teach leadership theory and practice. Students learn the basic fundamentals of leadership, organizational management, problem solving, communication skills, briefing skills and time management. Also taught are instruction in the ethics and values, cultural diversity, consideration of others and counseling techniques. These courses also provide an overview of the organization, role and structure of today's Army. Course instruction can be applied not only to the military but also to Corporate America or as a teacher in America's classrooms.

-three semester hours (MIL 101 – two hours, MIL 102 – one hour)

NOTE: Military Science 101 and 102 are courses, one semester in length, which are usually offered during both the fall and spring semesters.

MIL 201-202 Team Building and Leadership Management (SS)

Military Science 201 and 202 are primarily devoted toward the application of collective and individual skills required of a manager or supervisor. Emphasis is placed on skills required for a new manager of a small scale organization. MIL 201 teaches leadership and team building exercises that can be applied to all degrees and professions. MIL 202 builds on a solid foundation for those continuing in the advanced military science program and teaches land navigation skills, military training and techniques, and advanced briefing techniques.

-three semester hours (MIL 201 – two hours, MIL 202 – one hour)

NOTE: Prior service veterans may be eligible for credit for MIL 101/102 and 201/202 (Up to six credits). See the ROTC departmental advisors for more information.

•MAT 481 Independent Study in Mathematics

The independent study elective provides a student with an opportunity to do in-depth work in an area of particular interest. Departmental approval necessary.

- one semester hour

•MAT 482 Independent Study in Mathematics

The independent study elective provides a student with an opportunity to do in-depth work in an area of particular interest. Departmental approval necessary.

- two semester hours

•MAT 483 Independent Study in Mathematics

The independent study elective provides a student with an opportunity to do in-depth work in an area of particular interest. Departmental approval necessary.

- three semester hours

•MAT 490 Topics Course (MAT/AS)

A study of selected topic(s) in mathematics. Offered upon demand of a sufficient number of students.

- three semester hours

* MAT 493, 494, 495, 496 Mathematics Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in an internship or co-op should talk to their adviser.

- zero to six semester hours

•MAT 499 Mathematics Seminar (WI)

A study of selected topics in various fields of mathematics, with emphasis on search of the literature and/or original investigation.

- three semester hours

Statistics Courses

STA 301 Linear Models (MAT/AS)

Prerequisite: Two semesters of statistics.

A completely integrated computer based course in which software is used to study statistical relationships between several variables. The topics include multiple regression, ANOVA, design of experiments and logistic regression. A comprehensive project will evaluate students' ability to collect and analyze data.

- 3 semester hours

- offered fall semesters

STA 305 Nonparametric Statistics (MAT/AS)

Prerequisite: Two semesters of statistics.

This course will discuss how to analyze data when the distribution of the data is unknown. Topics include bootstrap estimation, analysis of contingency tables, and rank based tests. Computer software will be used extensively. Students will do a research project and analyze the data they have collected.

- 3 semester hours

- offered spring semesters

STA 499 Statistics Internship

In this course, students will learn how to analyze real data. Students will find another faculty member or corporation to work with and analyze their data. Students will write a proposal, analyze the data, and present their results both orally and in written form.

- 3 semester hours

MIL 301-302 Intermediate Military Leadership and Management

Prerequisite: completion of the basic course MIL 101, 102, 201, and 202 or prior military experience or JROTC or attendance at the leader's training course at Fort Knox, Ky.)

The student will gain an understanding of the role of the small unit leader. The focus is on the knowledge required of a leader when dealing with subordinates at the small-unit level. The student will learn basic infantry tactics, communication skills, land navigation, basic rifle marksmanship, and physical training. All students are required to take the Army physical fitness test monthly, and attend the five-week National Advanced Leadership Camp at Fort Lewis, Wash., during the summer.

-six semester hours (MIL 301– three hours, MIL 302 – three hours)

MIL 401-402 Advanced Military Leadership and Management

Instruction is designed to transition senior cadets into lieutenants. Focus will be oriented toward gaining proficiency in training management, military justice, military ethics, staff work, advanced management and administrative techniques and oral communication skills. Senior cadets will be assigned leadership and staff positions in order to plan and execute leadership lab, training and other cadet activities.

-six semester hours (MIL 401 – three hours, MIL 402 – three hours)

Military Science Basic Military Skills (Lab)

Section:

MIL 101L/102L	Freshman
MIL 201L/202L	Sophomore
MIL 301L/302L	Junior
MIL 401L/402L	Senior

Major emphasis of this noncredit course will focus upon application of leadership skills directed toward drill and ceremony and basic soldier skills. In addition, students will be given the opportunity to participate in Army specialty training to include rappelling and physical conditioning.

Military Science Special Notes:

- (1) Physical training is conducted MWF 0650-0800 at the Kiernan center. This training is mandatory for scholarship and contracted cadets. Leadership lab is also mandatory for scholarship and contracted cadets.*
- (2) Leadership Development Assessment Course (LDAC) – four weeks of summer training at Fort Lewis, Washington, for all contracted cadets after the junior year. Students receive pay while attending the course. Travel, lodging, meals, uniforms and equipment are provided.*
- (3) Special Schools – Students may attend any special school if they qualify during the summer. Airborne (parachute) School – three weeks, Air Assault (rappelling) School – ten days, Mountain Warfare, Northern Warfare both three weeks, CPDT (Cadet Professional Development Training) three to six week paid internships with an active Army unit (juniors only).*
- (4) MIL 101, 102, 201 and 202 credits may be obtained by academic sophomores that attend the Leader's Training Course (LTC) for four weeks during the following summer at Fort Knox, Kentucky. Students receive pay while attending the course. Travel, lodging, meals, uniforms and equipment are also provided.*
- (5) To be commissioned, all ROTC cadets must be recommended by the Professor of Military Science after having satisfactorily completed a Niagara University program that awards a baccalaureate or master's degree and includes a collegiate-level course in computer science and history. Successful completion of LDAC, Advanced Course, and Army Physical Fitness Test (APFT) is required. Commissionee must also meet Army height and weight standards referenced in Army Regulation 600-9.*

Department of Modern and Classical Languages

C. Henrik Borgstrom, Ph.D., Chairperson

www.niagara.edu/fl

Goals

Through its courses in language, literature and civilization, the department of modern and classical languages seeks to develop in all interested students an awareness and appreciation of both Western and non-Western cultures as well as the ability to communicate effectively in the language of their choice. The degree of proficiency sought and the skills to be attained are dependent on the career goals of the individual student. Individualized instruction, plus the opportunity to study abroad, permit qualified students to attain a degree of proficiency while preparing for careers in education, the humanities, science, government, law, business, nursing, interpretation/translation, tourism, hotel and restaurant administration or social welfare.

Programs

The department of modern and classical languages offers four programs leading to the bachelor of arts: French and Spanish in the College of Arts and Sciences; French and Spanish in the College of Education. Students wishing to qualify for a provisional teaching certificate in French or Spanish register in the College of Education. The department offers courses, but not degree programs, in Chinese, Italian, Latin, Japanese, Greek, and American Sign Language.

Language Placement

All students who wish to enroll in a course in Spanish or French must first complete the language proficiency placement test, which is available online at our department website, www.niagara.edu/fl. Students who have had no previous study of language, and students who wish to study a language other than Spanish or French do not need to take the placement test, and may enroll directly into the 101 level.

Majors

Those students planning to enter professions requiring a high level of fluency may concentrate in one of three areas: language, literature, or language and literature. Such students are urged to spend a semester abroad.

Majors in French or Spanish can be combined either with a minor in another language or in another discipline such as: political science; business; social welfare; criminal justice; travel, hotel and restaurant administration; philosophy; history or religious studies. The number of advised electives within the French and Spanish majors permits combining language proficiency with virtually any other discipline. A double major is also possible.

The Vincent and Harriet Palisano Foreign Language Laboratory

Dedicated in 1983, the laboratory has become a state-of-the-art facility to support the foreign language program. Through continued grants from the Palisano Foundation, the laboratory features satellite hookups, digital projection equipment, VCRs and DVD players with individual monitors, as well as several computer stations with rapid access to the Internet, interactive language programs, and foreign language writing software. The media archive provides access to over 500 foreign language feature films, documentaries, and language programs. The Language Laboratory is located in 344 Dunleavy Hall.

The lab is open Monday through Friday, 9am-5pm. For evening and weekend hours, please call the laboratory coordinator at (716) 286-8212.

Study-Abroad Program

Niagara University offers students the opportunity to select a one-semester study-abroad program. Qualified students, under the guidance of the study abroad adviser and academic advisers, select the program or course work which best responds to his/her desires and needs. This service is provided for both majors and nonmajors. For further information, refer to page 188.

The NU programs abroad offer a wide choice of courses which are selected according to the students' interests, preparation and the results of their placement tests.

Most study abroad programs offer language courses at all levels. Students do not need extensive study of language before going abroad. Any student who is interested in spending a summer or a semester abroad should consult the chairperson of the department of modern and classical languages to find the most suitable program.

NU Córdoba, Argentina

www.uccor.edu.ar

www.studyinspain.org

Argentina's second largest city and the region's early capital, Córdoba is a bustling educational and commercial center set at the foothills of the Sierra Chica mountain range in northern Argentina. Founded as a Jesuit city by Jerónimo Luis de Cabrera in 1573, Córdoba today is recognized as a center for arts and learning in Argentina with its many universities, theaters, and museums.

Córdoba has developed a well deserved reputation as an exciting but relaxed atmosphere for intellectual pursuits. Home to some 130,000 students from across the country, the city of Córdoba is known popularly in Argentina as "La Docta", from doctorate, because of its rich academic past. The university's 5,000 students enjoy the convenience of modern classrooms and living space, sports fields and other facilities in an easily accessible campus. The campus is dotted with shady trees and green fields. Its location gives you easy access to shopping, nightlife and public transportation.

NU Mar del Plata, Argentina

www.ufasta.edu.ar

Argentina is a diverse country with plenty to see and do. With 47 km of coasts with cliffs, ravines, sand dunes, and beaches, students can find fun or peace and quiet.

The daily life of the international student at FASTA University is centered around three spheres: becoming a part of the host family or student group; cultivating a social life in Argentina; and activity participating in university classes.

NU in Angers, France

There are six levels of courses emphasizing language, conversation, and translation. The students may also choose among courses in business, literature, art history, civilization, political science, history, economics, geography, philosophy, theology and tourism.

They attend courses arranged for foreign students taught by French faculty of the Université Catholique de l'Ouest. Upon completion of the program, the students have the option of taking the examinations for the Diploma of the Paris Chamber of Commerce and the Alliance Française.

NU in Lille, France

The European Summer Program at the Université Catholique de Lille offers courses in French language, intercultural communications, art history, architecture, political science, European economics, literature, film, and science.

Courses are taught in French and in English by the faculty of the Université Catholique de Lille. As a supplement to classroom instruction, the program includes excursions to museums and to places of historic interest in France and Belgium.

NU Alicante, Spain

www.ua.es

www.studyinspain.org

Alicante, the jewel of the Costa Blanca beaches stretched along the Mediterranean, is a harbor city that is both rich in history and pleasantly relaxed. The city's long promenades and endless white beaches have long been guarded by the Castle of Santa Barbara on top of the Benacantil Mountain. The culture, architecture, language and people have all been shaped by the traders and conquerors – Phoenicians, Greeks, Roman and Arabs – who left their imprint on this axis of trading routes over the centuries.

The kilometers of beaches, the civil and architectural legacy of the historic quarter, and the varied cuisine of the area are the main reasons Alicante is a major tourist destination for Spaniards. The city is also alive at night and during traditional regional holiday periods, like the Moorish and Christian festivities and the papier-mâché bonfires on the Night of San Juan in late June.

NU in Seville, Spain

Organized for foreign students and supervised by a Seville-based director, the program offers courses in language, literature, history, civilization, art history, social structure, economics,

political science, and Spanish dance.

The students may also take courses at the University of Seville or carry out independent investigation projects under the supervision of the faculty of the Center for Cross-Cultural Studies.

NU in Santiago de Chile

The Universidad de Santo Tomas is among the best universities in Santiago de Chile, the capital of the country. NU students can go to Chile during the spring semester or during the summer. A great variety of classes are available in all majors. Students from NU studying in Chile will have an adviser to supervise their needs in academic matters, particularly in the improvement of their skills in the Spanish language. At the end of their semester in Chile, NU students will also be able to visit the University's affiliate campus in Argentina for a tour of Mar del Plata and the surrounding area.

NU in Monterrey, Mexico

The Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) was founded by a group of Mexican business-people whose goal was to train highly qualified professionals in fields critical to Mexico's economic development. In addition to programs in the Spanish language, ITESM offers courses in commerce, communications, information technology, science, economics, hotel and tourism, international relations, political science, and literature.

B.A - French	Arts & Sciences	Units
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		10
FRE 205-206	Advanced Conversation & Composition	
FRE 308	History of France	
FRE 305/306/307	Francophone Culture Elective	
FRE 200/300	Language or Culture Elective	
FRE 200/300	Language or Culture Elective	
FRE 300/400	Culture or Literature Elective	
FRE 400	Advanced Literature Elective	
FRE 400	Advanced Literature Elective	
FRE 425	Senior Seminar or Honors Thesis	

Total Program: **40**

**Courses below the 200-level do not count toward the French major.*



B.A - Spanish	Arts & Sciences	Units
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Major Requirement		10
SPA 205-206	Advanced Conversation & Composition	
SPA 305	History of Spain	
SPA 306	History of Latin America	
SPA 300/400	Culture or Literature Elective	
SPA 400	Advanced Literature Elective	
SPA 400	Advanced Literature Elective	
SPA 425	Senior Seminar or Honors Thesis	
	Spanish/Latin America Studies Electives (2)	
Total Program:		40

**Courses below the 200-level do not count toward the Spanish major.*

B.A. - French	Education	Units
With teacher certification		
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Professional Requirement		9
Major Requirement		12
FRE 103-104	Intermediate French Language	2
FRE 205-206	Advanced Conversation & Composition	2
FRE 308	History of France	1
FRE 305/306/307	Francophone Culture Elective	1
FRE 200/300	Language or Culture Elective	1
FRE 200/300	Language or Culture Elective	1
FRE 300/400	Culture or Literature Elective	1
FRE 400	Advanced Literature Elective	1
FRE 400	Advanced Literature Elective	1
FRE 425*	Senior Seminar or Honors Thesis	1
Total Program:		41

FRE 426: Teaching Assistantship may replace the Senior Seminar for Education Majors.

**All courses in the major must be FRE 200 or above. One of the French electives must be taken in the distribution component.*

***Education majors with a concentration in French or Spanish are encouraged to study a semester abroad.*

B.A. - Spanish	Education	Units
With teacher certification		
General Education Requirement <i>See General Education</i>		20
Foundation Courses	9	
Distribution Courses	11	
Professional Requirement		9
Major Requirement		12

SPA 103-104	Intermediate Spanish Language	2
SPA 205-206	Advanced Conversation & Composition	2
SPA 305	History of Spain	1
SPA 306	History of Latin America	1
SPA 300/400	Culture or Literature Elective	1
SPA 400	Advanced Literature Elective	1
SPA 400	Advanced Literature Elective	1
SPA 425*	Senior Seminar or Honors Thesis Spanish/ Latin American Studies Electives (2)	1 2

Total Program: 41

SPA 426: Teaching Assistantship may replace the Senior Seminar for Education Majors.

*All courses in the major must be SPA 200 or above. One of the Spanish electives must be taken in the distribution component.

**Education majors with a concentration in French or Spanish are encouraged to study a semester abroad.

A Major in Romance Languages (Liberal Arts: concentration Romance Languages)

Required courses: LAT 101-102 (designated AS distribution)

Five courses in primary concentration: SPA or FRE

Three courses in secondary concentration: SPA, FRE, or ITA

Three courses in third concentration: SPA, FRE, or ITA

LABA 499 (Senior Seminar) or LABA 403-404 (Honors Thesis)

Student must reach advanced proficiency in French and/or Spanish (FRE/SPA 206).

Student may only take one course in translation: (FRE/SPA/ITA 200)

(See the Liberal Arts section of the catalog, page 100.)

Minor - French

Six course units, three of which must be beyond the intermediate level and must include one course in culture.

Minor - Spanish

Six course units, three of which must be beyond the intermediate level and must include one course in culture.

Courses

*indicates courses which cannot be challenged.

*Please note: All courses above the 300-level are taught exclusively in the target language.

American Sign Language

ASL 100 American Sign Language I (AS/CD)

American Sign Language is the natural language of the deaf. It uses its own syntax, vocabulary, and metalinguistic rules. This course uses the Signing Naturally curriculum, workbook activities, video exercises, and classroom expressive and receptive language drills to present ASL theories. Other topics to be addressed include finger spelling, Deaf culture, and assistive technology.

- three semester hours

ASL 200 American Sign Language II (AS/CD)

Building upon the basic structures presented in ASL 100, this course focuses on culturally significant topics related to the Deaf community, more complex ASL grammatical features, vocabulary-building, classifiers, comprehension and development of medium-length stories, narratives and dialogues.

- three semester hours

Chinese

CHI 101 Elementary Mandarin Chinese (AS/CD)

Basic course in Chinese emphasizing skills in oral and written communication with an introduction to the culture and civilization of China. Open to students with no previous study of Chinese.

- three semester hours

CHI 102 Elementary Mandarin Chinese II (AS/CD)

Prerequisite: CHI 101 or the equivalent

This course continues to develop oral and written skills that were introduced in Chinese 101, with a special emphasis on the ability to read and write Chinese characters. Presentations of Chinese culture and customs are also a content focus of this course.

- three semester hours

CHI 200 Chinese Popular Culture (CD)

A general introduction to China's distinct cultural identity, as represented in its poetry, prose fiction, cinema, arts, and folklore. This course will also compare important cultural differences between the United States and China in the domains of business etiquette and social conventions. This course is conducted in English, and is open to all students, regardless of their background in Chinese language.

This course cannot be used to satisfy a foreign language requirement for non-majors.

- three semester hours

French

FRE 100 French for Elementary School Teachers

This course is intended for student who anticipate a career in elementary education. Students will learn basic grammar, syntax, and vocabulary of the French language, and, at the same time, pedagogical methods and active learning modules appropriate to K-5 learners.

- three semester hours

FRE 101 Elementary French I (AS)

Basic course in French emphasizing skills in oral and written communication with an introduction to the culture and civilization of the Francophone world. Open to students with no previous study of French or with the permission of the chairperson of the department of foreign languages.

- three semester hours

FRE 102 Elementary French II (AS)

Prerequisite: FRE 101 or the equivalent

Course continues to develop the four basic functions of language begun in French 101: speaking, understanding, reading and writing while stressing vocabulary, grammar and pronunciation. The culture of the Francophone world will form the content area of the course.

- three semester hours

FRE 103-104 Intermediate French (AS)

Prerequisite: FRE 101-102, or permission of the instructor

Review and expansion of communication skills (speaking, reading and writing) through materials reflecting the history, literature, and culture of the Francophone world.

- six semester hours

FRE 110 Business French (AS)

Prerequisite: FRE 102, or permission of the instructor

An introduction to vocabulary, idiomatic expressions, and gram-

matial constructions appropriate to a francophone business setting. In addition to building basic communication skills, the course covers various aspects of French business etiquette, commercial jargon, and correspondence. Taught partly in English, this course is open to students with basic skills in French language.

- three semester hours

FRE 200 Francophone Women Writers in Translation (H/CD)

A survey of various themes and social questions regarding the position that women have held in French society from the 12th century to the present, as these are treated in poetry, prose fiction, cinema and drama by and about female authors. Conducted in English, with all texts read in translation, this course is open to all students, regardless of their background in French.

This course cannot be used to satisfy a foreign-language requirement for nonmajors. It may count as a culture course required for the minor.

- three semester hours

FRE 205-206 Advanced Conversational French and Composition (AS)

Prerequisite: FRE 103-104 or permission of the instructor

Development of fluency in the language as well as of ability to write original compositions. Includes the study of various aspects of Francophone people and their culture.

- six semester hours

FRE 305 Literature and Civilization of Quebec (H/AS/CD)

A survey of political, social, intellectual and artistic history of Quebec as reflected in its literature.

- three semester hours

FRE 306 Literature and Culture of Francophone Africa (H/AS/CD)

A survey of political, social and aesthetic trends in Francophone Africa and in the Francophone Caribbean, through a close examination of North and West African as well as Caribbean literature, theatre, art and film.

-three semester hours

FRE 307 Contemporary France (H/AS)

An introduction to the cultural institutions of post-war France, this course examines the political structure, technological developments, and social issues of the Fifth Republic, with special emphasis on current events and contemporary media.

- three semester hours

FRE 308 Cultural History of France (H/AS)

A survey of the history of France from the Middle Ages to World War II, through thematic studies of the artistic and literary developments, social and political movements, philosophical trends, and historic personalities that helped to shape France of the twenty-first century.

- three semester hours

FRE 310 Translation Laboratory (AS)

Introduction to the techniques and problems of translation. Includes written, consecutive and simultaneous translation as well as subtitling. Usually taken abroad.

- three semester hours

FRE 319 Special Topics in Francophone Cinema (H/AS)

A variable topics course which means to introduce students to particular cultural aspects of the francophone world through a close study and examination of its films.

- three semester hours

FRE 401 Independent Research Project

Each student pursues a topic independently under the direction of a staff member. The student must have a written report of his/her

findings approved. The approved written report is to be filed with the chairperson of the department.

- three semester hours

•FRE 404-405 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

FRE 406 Phonetics

Intensive study of sound system, intonation and accent. Usually taken abroad.

- three semester hours

FRE 410 History of French Theatre

A survey of the major trends in the development of theatre literature, theory, and performance in France from the Middle Ages to the present.

- three semester hours

FRE 412 Twentieth Century Literature (H/AS/WI)

An examination of selected major works of prose, theatre and poetry within the context of social and political change.

- three semester hours

FRE 414 Romanticism (H/AS/WI)

Analysis of the ideas, techniques and major contributions of the literary leaders of the Romantic movement.

- three semester hours

FRE 415 Realism and Symbolism (H/AS/WI)

Studies in post-Romantic prose and poetry with special emphasis on Baudelaire, Flaubert, Verlaine, Mallarme and Zola.

- three semester hours

FRE 418-419 Advanced Grammar and Stylistics (AS)

Course designed to develop the personal writing style of the student by means of grammatical and stylistic exercises as well as creative and technical writing. Usually taken abroad.

- six semester hours

FRE 425 Senior Seminar (AS/WI)

Research work manifested in oral and written projects in keeping with the area of specialization of individual students.

- three semester hours

FRE 426 Teaching Assistantship

A student having attained advanced proficiency in French will lead weekly lab sessions as a supplement to French 205-206. These sessions consist of grammar exercises, vocabulary drills, conversational activities, and cultural modules. With a pedagogical supervisor, the student will examine various language acquisition strategies while preparing a cumulative teaching portfolio.

- three semester hours

FRE 428 Stage de Perfectionnement (AS)

Course designed to provide students who have already attained a level of fluency with opportunity to perfect their skills by means of group work and individualized activities.

- three semester hours

FRE 493, 494, 495, and 496 French Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk to their adviser.

- zero to six semester hours

Greek

GRK 101 Elementary Classical Greek (AS)

An introduction to Ancient Greek, using reading as a pathway to understanding the forms, grammar, and structure of the language. Along with acquiring basic reading skills in Greek, students will study the culture and civilization of the 5th century Greek world, and its influence on the English language.

- three semester hours

Italian

ITA 101 Elementary Italian I (AS)

Basic course in Italian emphasizing skills in oral and written communication with an introduction to the culture and civilization of Italy. Open to students with no previous study of Italian.

- three semester hours

ITA 102 Elementary Italian II (AS)

Prerequisite: ITA 101 or the equivalent

Course continues to develop the four basic functions of language: speaking, understanding, reading and writing, while stressing vocabulary, grammar, and pronunciation. The culture of Italy will also form the content of the course.

- three semester hours

ITA 103-104 Intermediate Italian (AS)

Prerequisite: ITA 101-102 or permission of the instructor

Review and expansion of communication skills (speaking, reading, and writing) through materials reflecting the history, literature, and culture of Italy.

- six semester hours

ITA 200 Italian Culture (H)

This course introduces students to various aspects of Italian culture, with an emphasis on contemporary trends in art, politics, religion, and entertainment. Students will explore several issues in Italian cultural studies, including national stereotypes, popular culture, the media, social and political identities, minority populations, and current news-stories. Conducted in English, this course is open to all students, regardless of their background in Italian language. *This course cannot be used to satisfy a language requirement.*

- three semester hours

Japanese

JPN 101 Elementary Japanese I (AS/CD)

Basic course in Japanese emphasizing skills in oral and written communication with an introduction to the culture and civilization of Japan. Open to students with no previous study of Japanese or with the permission of the chair of the department of foreign languages.

- three semester hour

JPN 102 Elementary Japanese II (AS/CD)

Prerequisite: JPN 101 or equivalent

Course continues to develop the four basic functions of language: speaking, understanding, reading, and writing, while stressing vocabulary, grammar and pronunciation. The culture of Japan will also form the content of the course.

- three semester hour

JPN 200 Japanese Popular Culture (CD)

A general introduction to Japan's distinct cultural identity, as represented in its poetry, prose fiction, cinema, arts, and folklore. This course will also compare important cultural differences between the United States and Japan in the domains of business etiquette and social conventions. This course is taught in English

- three semester hour

Latin

LAT 101 Elementary Latin (AS)

A basic course in Latin emphasizing the essentials of grammatical structure, vocabulary, and the reading of selected texts based on a variety of Latin authors with an introduction to the culture and civilization of ancient Rome. Special emphasis on Latin roots of English words. Highly recommended for all arts and science majors particularly students in pre-law, premed, religious studies, English, and modern language programs.

- three semester hours

LAT 102 Intermediate Latin (AS)

Prerequisite LAT 101 or permission of the instructor.

Latin 102 is a continuation of Latin 101, which uses readings as a pathway to understanding the forms, grammar, and structure of the language of the Romans. Along with acquiring the ability to read Latin at an intermediate level, students will learn about the culture and civilization of the Greco-Roman world, the Latin influence on English and the Romance languages, with special emphasis on the Latin presence in English today.

- three semester hours

Spanish

SPA 101 Elementary Spanish I (AS)

Basic course in Spanish emphasizing skills in oral and written communication with an introduction to the culture and civilization of the Hispanic world. Open to students with no previous study of Spanish or with the permission of the chairperson of the department of foreign languages.

- three semester hours

SPA 102 Elementary Spanish II (AS)

Course continues to develop the four basic functions of language begun in SPA 101: speaking, understanding, reading and writing while stressing vocabulary, grammar, and pronunciation. The cultures of the Hispanic world also form the content of the course.

- three semester hours

SPA 103-104 Intermediate Spanish (AS)

Prerequisite: SPA 101-102 or two years of high school Spanish

Review and expansion of communication skills (speaking, reading and writing) through materials reflecting the history, literature, and culture of the Hispanic world.

- six semester hours

SPA 110 Spanish for Business (AS)

An introduction to vocabulary, idiomatic expressions, and grammatical constructions appropriate to a Spanish-speaking environment. In addition to building basic communication skills, the course covers various aspects of Spanish business protocol, commercial terminology and correspondence. This course would be of interest for students who would like to have a working knowledge for business relations with the Hispanic world.

- three semester hours

SPA 200 Hispanic Women Writers in English Translation (H/CD/LAS)

A survey of various themes and social questions regarding the position that women have held in Spanish and Latin American societies from the 16th century to the present, as these are treated in poetry, prose fiction, testimony, cinema and drama by and about women. Conducted in English, with all texts read in translation, this course is open to all students, regardless of their background in Spanish.

This course cannot be used to satisfy a language or analytical skills requirement for non-majors. It may count as a culture course for the Spanish minor or major or Latin American Studies minor.

- three semester hours

SPA 205-206 Advanced Conversational Spanish and Composition (AS)

Prerequisite: SPA 103-104 or permission of the instructor.

The development of fluency in the language as well as ability to write original compositions. Includes the study of various aspects of the Hispanic people and their culture.

- six semester hours

SPA 210 Spanish for Heritage Speakers (AS)

A course for heritage speakers of Spanish who have little or no formal training in the language. Students with near native speaking ability seeking to perfect their Spanish skills may also enroll. Students will improve their Spanish grammar, reading and writing skills, as well as expand their knowledge of Hispanic cultures.

- three semester hours

SPA 305-306 Civilization and Culture of Spain (H/AS)

A survey of the political, social and artistic history of Spain from the Middle Ages to the present. Readings from representative texts illustrating the interrelatedness of the diverse facets of Spanish civilization.

- six semester hours

SPA 307 Civilization and Culture of Latin America (H/AS/CD)

A survey of the political, social and artistic history of Latin America from the pre-Hispanic days up to the Colonial period. Readings will emphasize the culture of the Mayas, Aztecs, Incas and other pre-Columbian peoples and the problems associated with the clash of exogenous cultures.

- three semester hours

SPA 310 Translation Laboratory (AS)

Introduction to the techniques and problems of translation. The course will give students practice in translating material in their chosen area of specialization.

- three semester hours

SPA 319 Special Topics in Hispanic Cinema (H/AS)

A variable topics course which means to introduce students to particular cultural aspects of the Hispanic world through a close study and examination of its films.

- three semester hours

SPA 401 Independent Research

Each student pursues a topic independently under the direction of a staff member. The student must have a written report of his/her findings approved. The approved written report is to be filed with the chairperson of the department.

- three semester hours

SPA 403-404 Spanish Literature of the Middle Ages and Golden Age (H/AS/WI)

Prerequisite: SPA 205-206

The history of Spanish literature in the Middle Ages and the outstanding figures in the fields of drama, novel and poetry of the Golden Age.

- six semester hours

SPA 406 Phonetics (AS)

Intensive study of sound system, intonation and accent. Usually taken abroad.

- three semester hours

•SPA 409-410 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

SPA 411-412 Hispanic Literature of the 18th and 19th Centuries (H/AS/WI)

Study and analysis of the thought and literature from the end of the Golden Age to the birth of the generation of 1898.

- six semester hours

SPA 413-414 Twentieth Century Literature (H/AS/WI)

A study of the main trends and most representative authors during the 20th century in Spain in the fields of the novel, short story, essay, poetry and drama.

- six semester hours

SPA 415-416 Spanish American Authors (H/AS/CD/WI)

A study of the main literary works reflecting the spiritual and intellectual development of Latin America from pre-Columbian to contemporary times. May be repeated for credit.

- six semester hours

SPA 418-419 Advanced Grammar and Stylistics (AS)

Course designed to develop personal writing style of the student by means of grammatical and stylistic exercises, as well as creative and technical writing. Usually taken abroad.

- six semester hours

SPA 420 Chicano Literature (H/WI/AS)

A comprehensive study of Chicano literature and the contributions of "Chicanos" to the history and culture of Mexico and the United States through a study of literary, historical, and cultural texts. Special emphasis on the development of the Chicano cultural identity from its Mexican colonial roots through contemporary Chicano movements.

- three semester hours

•SPA 425 Senior Seminar (AS/WI)

Research work manifested in oral and written projects in keeping with the area of specialization of individual students.

- three semester hours

SPA 426 Teaching Assistantship

A student having attained advanced proficiency in Spanish will lead weekly lab sessions as a supplement to Spanish 205-206. These sessions consist of grammar exercises, vocabulary drills, conversational activities, and cultural modules. With a pedagogical supervisor, the student will examine various language acquisition strategies while preparing a cumulative teaching portfolio.

- three semester hours

SPA 428 Curso de Perfeccionamiento (AS)

Course designed to provide students who have already attained a level of fluency with the opportunity to perfect their skills by means of group work and individualized activities.

- three semester hours

SPA 493, 494, 495, and 496 Spanish Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op or internship should talk to their adviser.

- zero to six semester hours

Natural Sciences Minor

Robert S. Greene, Ph.D., Coordinator
rsg@niagara.edu

Goals

Discoveries in the natural sciences are playing a pivotal role in advancing human knowledge and understanding of the world where we live. The basic natural sciences of Biology and Chemistry form the foundations of our modern society's institutions, and are thus an integral part of our daily lives. Application of the natural scientific principles, products, and operations to the human condition has profoundly benefited humanity. The academic minor in natural sciences is designed to provide the non-science major with a fundamental understanding of how these sciences work and affect their daily lives, from the workings of medicine and biotechnology, chemistry of food and forensics, to the landing of space craft on distant planets.

Program

The minor program is designed for non-science majors enrolled in any major, but is particularly valuable for criminal justice, pre-law and pre-engineering, and business majors. A total of six courses is required to complete the major. Students must take three (3) courses from Biology and three (3) courses from the Chemistry departments. Listed below are the required courses for the minor. Students interested in the natural science minor should contact the coordinator.

Course Requirements

Biology courses (select three)

BIO 101	Human Biology
BIO 102	Introduction to Biology for Non-majors
BIO 103	Environmental Science
BIO 104	Human Genetics

Chemistry courses (select three)

CHE 100	Chemistry and Life
CHE 105	Chemistry & Society I: Public Affairs Chemistry
CHE 106	Chemistry & Society II: Chemistry for Consumers
CHE 107	Food Chemistry for Nonscientists
CHE 108	Forensic Science

Department of Nursing

Frances S. Crosby Ed. D., RN, Chairperson
www.niagara.edu/nursing

Goals

The overall program goal is to educate registered nurses who, upon completion of the program, have been prepared to lead, manage and deliver outstanding professional comprehensive nursing care in any health care setting. The program is built upon the technical nursing skills acquired in the associate degree program.

Program goals include preparing a nurse who:

1. Internalizes and integrates critical analysis and problem solving.
2. Demonstrates competency for effectiveness in health care leadership and management.
3. Masters communication and information literacy.
4. Applies research based knowledge to clinical practice.
5. Understands nurse's role in the health care continuum of prevention, acute and chronic care of individuals to care of families, communities and public health based care.
6. Values respect for human dignity and integrates mutual goal setting and cultural sensitivity into nursing care.
7. Articulates ethical decision making processes in the context of professional nursing practice.

Mission

The mission of the Nursing Department is to provide a collegiate education for a registered nurse that is flexible in format and maintains excellence in content and standards for the student, that integrates professional, liberal arts, sciences and religious/ ethics studies with community service and clinical experiences to produce a Baccalaureate prepared nurse who integrates critical thinking, leadership in health care, expertise in nursing practice and social responsibility in the community and society at large.

Program

Niagara University's Bachelor of Science (BS) in Nursing, a Department in the College of Arts and Sciences, is a completion program for RNs prepared in an accredited associate degree program. The program will use active learning strategies for the adult learners. A combination of one day on campus programming and electronic delivery will support flexibility and accessibility. Thirty nursing major credits (10 courses) are taken at NU and 30 are transferred from the associate degree (AD) program as nursing "validation" credits. Based upon Imogene King's open systems interaction framework, nursing courses are organized sequentially in clinical and professional tracks. A bachelor's degree at Niagara University has a liberal arts requirement, which is in accordance with university policy and criteria set by the College of Arts and Sciences. Liberal arts courses taken at the associate degree program that are eligible for transfer will be applied to some of the required courses. The liberal arts courses will be tailored to a student's schedule.

B.S. – Nursing

General Education Requirement

See General Education

Foundation Courses

Distribution Courses

MAT 102 Statistics

CIS 232

Major Requirement

NUR 354

NUR 315

NUR 466

NUR 355

NUR 376

NUR 450

NUR 464

NUR 468

NUR 470

NUR 485

Validation Credit from Associate Degree

Arts & Sciences

Units

20

9

9

1

1

20

1

1

1

1

1

1

1

1

1

1

10

Courses

NUR 315 General Pathophysiology

This online course is designed to correlate basic knowledge of normal physiology with dysfunctional body mechanisms. Students will gain understanding of disease processes through study of causative mechanisms and the signs and symptoms which reflect disease processed and disturbances in homeostasis at the cellular, tissue and major organ level.

- three semester hours

NUR 354 Health Assessment and Promotion

Knowledge and skills are developed to perform and document a comprehensive health examination, physical, psychosocial and spiritual, of a child and an adult, including unique assessment of elderly adults, using contemporary technological assessment tools. The student will identify health needs of individuals for promotion, risk reduction and nursing intervention.

- three semester hours

NUR 355 Building Healthy Communities

Epidemiological concepts are applied to health of populations. Role of nurse in planning, delivering and evaluating programs to communities is addressed. The trans-theoretical model of stages of readiness to change is contrasted with King's Interactive system theory. Public health mandates and research-based nursing interventions are applied to population based health.

- three semester hours

NUR 376 Foundations of Professional Nursing

Multidimensionality of professional nursing is explored. Personal vision, values, philosophy, goals are examined. Contemporary issues are related to scope of practice, standards of care, legal and ethical guidelines. King's Theory of Goal Attainment exemplifies theory based practice. Other health related theories are compared to build a personal framework for practice. Evidence based practice is introduced.

- three semester hours

NUR 450 Research Process for Evidence Based Care

Emphasis is on accessing, analyzing and critiquing research in scientific literature to determine implications for practice. The scientific process to conduct research is examined. Ethical considerations are discussed. Professional nurse's role in identifying potential research

problems, participating in research, evaluating its content and synthesizing findings for evidence-based practice is examined.

- three semester hours

NUR 464 Administration and Management

Principles are applied to the unique business and service of health care delivery. Goal-setting, decision-making, ethical treatment of stakeholders are grounded in organizational mission and policy. Unit management tools include budgeting, staffing, staff development, team building, problem solving and conflict management. Delegation and communication styles are discussed.

- three semester hours

NUR 466 Nursing Care of Families Throughout the Life Span

This course focuses upon knowledge and skills to apply nursing science and process to families across the life span. Emphasis is on family as a social system. The nurse assumes role of advocate, collaborator, case manager and change partner to maintain health, treat deficiencies, facilitate restoration, support end of life.

- three semester hours

NUR 468 Information Technology: Tool for Health Care Communication

This online course familiarizes the nurse with terminology, standards and rationale for health system information technology. Computer systems to access, enter and manage information are demonstrated. Students employ search and retrieval of scientific literature to support evidence-based practice. Ethics regarding privacy, information storing, sharing, and security are discussed.

- three semester hours

NUR 470 Leadership in Health Care Environments

System thinking is applied to health care. Role of mission and vision in creating a values-driven organizational culture is discussed. Strategic planning, corporate ethics, leadership styles and theories of change are related to health systems. Trends in public policy are applied to health care. Interdisciplinary relationships are described.

- three semester hours

NUR 485 Internship

This capstone course provides experiences to synthesize and apply baccalaureate nursing knowledge and skills in the professional nurse role. A concentrated clinical will be coordinated with a prepared clinical agency preceptor and the student in selected areas of nursing. Experiences that enhance the newly defined professional role are emphasized.

- three semester hours

Admission and Progression Policies - Niagara University policies for admission as a transfer student apply to the Nursing Program. In addition, a minimum GPA of 2.5 from the Associate Degree program is required. Those RNs seeking admission meet with the program Chairperson or designee. Transcripts from all prior programs are used to determine all transfer credits and individualize the program of study. Progression through the program is dependent upon successful completion of the required courses, with a grade of C+ or better in major.

Clinical Agencies - those courses with a clinical assignment will be arranged at area health care facilities under the guidance of an agency based clinical preceptor. Clinical sites will be arranged in collaboration with the student and the faculty member. A formal affiliation agreement is in place between the university and the clinical organization. Transportation is the responsibility of the student.

Department of Philosophy

James J. Delaney, Ph.D., chairperson

www.niagara.edu/philosophy

Goals

Philosophy is the cornerstone of a liberal arts education. It asks and searches for answers to some of the deepest, most personal questions that we all as human beings have had, such as: "Is there a God, and if so, why does evil exist?" "Do we really have free will in our actions?" "What is the ethical thing to do?" "How do I know for sure that I'm not living in a dream? How can I know anything?" "Is 'artificial intelligence' possible?" "What are the metaphysical building blocks of the world?" "What counts as a logical, rational answer?" and "What is the meaning of life?"

Moreover, philosophy will accept answers to these questions only if they can be rationally defended and are logically persuasive. As such, philosophy develops students' critical thinking skills. Students who have had a firm grounding in philosophy are ready to enter the world as rational, free-thinking, and critically reflective citizens and human beings.

B.A. - Philosophy

Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
PHI 300 Logic	1
PHI 312 Modern Philosophy	1
Students must take two of the following:	2
PHI 303 Epistemology	
PHI 306 Metaphysics	
PHI 308 Philosophy of Mind	
Students must take one of the following:	1
PHI 310 Ancient Philosophy	
PHI 311 Medieval Philosophy	
Philosophy Electives	3
PHI 400 Senior Seminar	1
Advised electives	11
Total Program:	40

Minor – Philosophy

The minor is awarded to a student who has successfully completed a sequence of five courses in philosophy. The specific sequence of courses is determined by the student in consultation with the department.

Courses

•indicates courses which cannot be challenged.

Students must successfully complete PHI 105 before taking PHI 206, and must complete PHI 206 before taking 300 or 400 level courses.

•PHI 105 Introduction to Philosophy

An introduction to the critical method of philosophy and the logic which lies at its base. This method is taught by studying some of the classic problems in philosophy and being exposed to several of the most important philosophers in history. Topics may include: proofs of God, free will/determinism, problems of knowledge, metaphysics, personal identity, and the meaning of life.

- three semester hours

•PHI 206 Ethics

Prerequisite: PHI 105 or permission of instructor

An introduction to, and study of, the rival philosophical theories that claim to provide a foundation for our ethical outlooks. Topics include: utilitarianism/consequentialism, deontology, and virtue ethics. In addition, a study of some applied ethical issues (abortion, euthanasia, death penalty) in light of these theories *may* be included.

- three semester hours

PHI 300 Logic (H)

Prerequisites: PHI 105 and PHI 206

Logic is the science of good reasoning, and is thus essential to improving critical thinking skills. This course introduces the formal, mathematical aspects of deductive reasoning. It may also discuss informal logical principles and common mistakes in reasoning.

- three semester hours

PHI 301 Philosophy of Human Nature (H)

Prerequisites: PHI 105 and PHI 206

Investigates, both historically and systematically, philosophical questions concerning the human person: the nature of sensory, intellectual, emotional and volitional life; the spirituality and immortality of the soul; freedom; the foundation of the human person's moral and social being.

- three semester hours

PHI 303 Epistemology (H)

Prerequisites: PHI 105 and PHI 206

At its core, epistemology attempts to explain what makes a belief a good one. Topics include the nature of knowledge, philosophical skepticism, the structure of justification for beliefs, and the sources of such justification.

- three semester hours

PHI 304 Basic Social and Political Philosophy (H)

Prerequisites: PHI 105 and PHI 206

A study of classical, modern, and contemporary social and political theories; the values toward which the social process is directed; the power and authority of the state; law as an agent of social control; political obligations; the idea of justice.

- three semester hours

PHI 305 Philosophy and History of Science (H)

Prerequisites: PHI 105 and PHI 206

Science seems to be a paradigm source of knowledge, but it is unclear just what science is, and in what sense it is successful. Topics include the distinction between science (astronomy, evolution) and pseudoscience (astrology, creationism), the nature of scientific explanations and laws, the reality of theoretical entities, and the role of values and aesthetics in scientific theorizing.

- three semester hours

PHI 306 Metaphysics (H)

Prerequisites: PHI 105 and PHI 206

Metaphysics is the most general study of things and how they are—of existents and their properties. Topics include free will, personal identity, realism and idealism, possibility and necessity, cosmology, causation, and time.

- three semester hours

PHI 308 Philosophy of Mind (H)

Prerequisites: PHI 105 and PHI 206

This course is a study of some central questions about the human mind and its place in nature. Topics will include: theories of the relation between mental states and physical states, artificial intelligence, the nature of mental representation, and the place of consciousness in a physicalistic worldview.

-three semester hours

PHI 310 Ancient Philosophy (H)

Prerequisites: PHI 105 and PHI 206

A study of the main problems of Philosophy in the thought of the Greeks and Romans. The primary focus of the course will be on the philosophical writings and arguments of the two most important philosophers of antiquity, Plato and Aristotle. There will also be some attention given to the Presocratic philosophers, and to the Stoic and Epicurean philosophers.

- three semester hours

PHI 311 Medieval Philosophy (H)

Prerequisites: PHI 105 and PHI 206

A study of the main problems of philosophy in the thought of Medieval Philosophers. Typical authors whose positions are studied include Boethius, Anselm, Abelard, Aquinas, Scotus and Ockham. General topics that may be studied include: relation of philosophy to theology, medieval ontology, anthropology, ethics and action theory.

- three semester hours

PHI 312 Modern Philosophy (H)

Prerequisites: PHI 105 and PHI 206

This course will examine the major trends in philosophy from the development of the scientific method around 1600 to the birth of idealism in the writings of Immanuel Kant around 1800. Through the writings of authors such as Descartes, Berkeley, Leibniz and Hume, the course will examine the debate between rationalism and empiricism over the nature of human knowledge. It will also examine counter-enlightenment thinkers such as Pascal, Rousseau and Vico who questioned the value of the new scientific method.

- three semester hours

PHI 314 Phenomenology and Existentialism (H)

Prerequisites: PHI 105 and PHI 206

An introduction to the historical development of phenomenology and existentialism from its origins in the problems of classical idealism as developed in the writings of authors such as Nietzsche, Kierkegaard, Husserl, Scheler, Heidegger, Marcel, Sartre, Merleau-Ponty and Ricoeur.

- three semester hours

PHI 315 Philosophy of Language (H)

Prerequisites: PHI 105 and PHI 206

The philosophy of language examines the relationship between meaningful symbols and the world they represent--semantics, broadly understood. Topics include meaning and truth, the analytic and synthetic, speech acts, linguistic pragmatics, proper names, demonstratives, metaphors, concepts, and the normativity of meaning.

- three semester hours

PHI 316 Introduction to Eastern Thought (H/CD)

Prerequisites: PHI 105 and PHI 206

An investigation into the principal mainstreams of thought which have most influenced the cultural trends and patterns of Eastern thought in general, with particular reference to the effects in India, China, Japan and the Philippines.

- three semester hours

PHI 320 Business Ethics (H)

Prerequisites: PHI 105 and PHI 206

Through the application of general moral principles this course develops the student's ability to think critically about the diverse moral relationships that occur in the economic order. This course investigates the relationship of what is good and right to decision-making in the field of business both at the corporate and individual levels.

- three semester hours

PHI 321 Philosophy of Religion (H)

Prerequisites: PHI 105 and PHI 206

A philosophical examination and exploration of issues surrounding religion, religious beliefs, and religious concepts. Issues that may be covered include: the relationship between faith and reason, what counts as a good reason to believe in a Divine Being, can a God be proven to exist, the attributes of God, the problem of evil, the possibility of miracles and religious pluralism.

- three semester hours

PHI 322 Biomedical Ethics (H)

Prerequisites: PHI 105 and PHI 206

A survey of contemporary ethical issues in medicine. Possible topics of study include informed consent, advanced directives, abortion, euthanasia, physician-assisted suicide, reproductive technologies, gene therapy, the ethics of organ donation, stem-cell research, the ethics of both animal and human experimentation, resource allocation, and patient autonomy.

- three semester hours

PHI 325 Philosophy of Law (H)

Prerequisites: PHI 105 and PHI 206

This course is designed to develop the student's ability to think critically about the philosophical basis of law. Topics include the evaluation of opposing arguments on the distinction between natural law theory versus legal positivism, the relationship between the law and morality, rights theory, notions of responsibility, and punishment theory.

-three semester hours

PHI 399 Special Topics (H)

Prerequisites: PHI 105 and PHI 206

This course offers in depth study of contemporary debates in philosophy. The course may focus on specific topics in different areas of philosophy or on debated issues in the study of the history of philosophy. May be taken up to three times with different course material.

-three semester hours

PHI 400 Senior Year Seminar

The course will be structured as a capstone, senior seminar course in which the student will complete an individually tailored research project commensurate with the skills of an advanced student in philosophy. The student will be required to learn how to do philosophical research, write an intensive philosophical paper, and present and defend his or her findings.

- three semester hours

PHI 403 and 404 Honors Thesis I and II

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

PHI 499 Directed Reading and Independent Research

Open to the superior junior or senior student whose project has been accepted for direction by a department faculty member and approved by the chairperson.

- three semester hours

Department of Political Science

David Reilly, Ph.D., Chairperson
www.niagara.edu/pol

Goals

The field of politics is both exciting and ever-changing, and the breadth and diversity of political science makes it a discipline well-suited for answering the major issues challenging the world of the 21st century. Political science uses both scientific and philosophical perspectives in order to develop skills with which to examine the United States, regions of the world, international relations, and the nature of government. Political science majors acquire proficiency in writing, communication, advocacy, and analysis, all of which are critical to a well-rounded and educated individual. A political science education prepares a student to think independently, and promotes a tolerance and concern for others and an interest in current affairs.

Majors in political science qualify for a wide range of careers in private and public organizations, including careers in law, international organizations and finance, political campaigns and interest groups, journalism, business, state, local and federal government, and education. Political science training also provides valuable preparation for participating in community organizations, electoral politics, movements on behalf of specific policies such as the environment, or even seeking elected or appointed positions.

Programs

The department of political science offers a bachelor of arts in political science. Minors are offered in political science and law and jurisprudence. Also co-sponsored by the political science department are a coordinate major in environmental studies and minors in environmental studies, women's studies, international studies, and justice and peace.

The department also has a special relationship with The Washington Center in Washington D.C. which provides students the opportunity to participate in inter-session seminars and semester or summer-long internships. Internships promote experiential learning in government agencies, private interest groups, and the executive and legislative branches of government. In addition, the department allows students to augment their course work with a variety of internships and co-ops in Albany or local political and legal offices.

The general political science program also offers a selection of advised elective courses which students (or majors) can utilize to form a specific "Career Option" emphasis. These emphases add or reinforce competencies specifically suggested for: entry into advanced graduate studies in the specific subfields of political science; entry into law school; or careers in private enterprise or government service.

B.A. - Political Science

		<i>Units</i>
General Education Requirement		20
<i>See General Education</i>		
	Foundation Course	9
	Distribution Courses	11
Major Requirement		20
POL 101	American Government	1
POL 200	Political Science Practical Seminar	1
POL 390	Research Methods in Political Science	1
POL 490	Senior Seminar	1
POL	Political Theory and Methodology	1
POL	American Political Systems	1
POL	Comparative Political Systems	1
POL	International Relations	1
POL	Political Science electives	6
MAT 102 or	Statistics or	
CIS 233	Computer Research	1
	Advised electives	5
Total Program:		40

Career Option Emphases

Students (or majors) may select four courses from among the following options:

Law Option: POL 203, POL 201, POL 220, POL 304, POL 337, POL 354, POL 355, POL 358, POL 386, or a legal internship or co-op

Political Management: POL 241, POL 242, POL 285, POL 325, POL 328, POL 230, POL 332, POL 334, or a political science internship or co-op.

Public Policy: POL 241, POL 242, POL 285, POL 286, POL 325, POL 331, POL 337, POL 338, or a political science internship or co-op.

Graduate School Preparation: POL 204, POL 285, POL 286, POL 301, POL 304, POL 329, POL 332, POL 334, POL 358, POL 337, POL 360, POL 362, POL 376, POL 378, POL 380, MAT 202, CIS 233

Minor - Political Science

POL 101	American Government	1
POL 200	Political Science Practical Seminar	1
	American Concentration	1
	International Concentration	1
	Comparative Concentration	1
	Political Theory or Research Methods	1

Total program **6**

Note: If the student's major does not require a course in research methods, he/she will take POL 390 – Research Methods in Political Science.

Courses

**indicates courses which cannot be challenged.*

POL 101 American Government (SS)

Study of the essentials of American government; Congress; the presidency; the federal judiciary; principles of federalism; separation of powers, the federal regulatory system. (Concentration: American political system.)

- three semester hours

POL 103 International Issues (SS)

An introduction to the major issues facing the international political system. The course will focus on the problems of war, nuclear weapons, underdevelopment, food and population, science and technology, human rights, and nationalism, as they currently affect world politics. (Concentration: international relations.)

- three semester hours

POL 105 Comparative Government (SS)

Examination of topics in comparative political analysis. The impact of indigenous values, beliefs and attitudes upon political behavior. Materials will be drawn from a variety of systems and the cultures with emphasis on the Western. (Concentration: comparative political systems.)

- three semester hours

POL 200 Political Science Practical Seminar

This course is designed to introduce students to the systematic analysis of politics. Methods of critical investigation are applied to research topics determined by the student; issues related to the research question and approaches to answering the question are examined. Students will research career options, internship opportunities, study abroad programs, and develop strategies for pursuing these opportunities.

- three semester hours

POL 201 American Political Thought (H)

A study of the historical development of the principle ideas underlying the founding and the early development of the American political system, from the founding of Jamestown till 1840. The influence of major events including the Revolution, the contributions of major political figures such as Roger Williams, John Adams, Alexander Hamilton, James Madison, Thomas Jefferson, John Marshall, and Andrew Jackson, and their relevance to recent political ideas and movements will be examined. (Concentration: political theory and methodology.)

- three semester hours

POL 203 Introduction to Law (SS)

An introduction to American law and legal institutions as a part of government. The course will survey generally the sources and functions of law as a mediator between the individual and the society of government; and between the various orders of society: political, economic, and social. The course will examine, in general terms, the various kinds of law - civil, environmental, criminal, constitutional, etc. - focusing on selected problems in these areas to determine the capacity and limitations of law and legal processes to deal with social problems. (Concentration: American political system.)

- three semester hours

POL 204 International Regions (SS) (CD)

An introduction to the various regions of the world, focusing upon their conflicting perspectives on international issues. The course is a survey of the factors which have created the world views and current foreign policy preferences of the different regions: Europe, Russia, Asia, the Middle East, Africa, and Latin America. (Concentration: international relations.)

- three semester hours

POL 220 Women and the Law (SS) (CD)

A historical and legal overview of women in the American justice system. Emphasis on the equal protection arguments, remedies for discrimination, evolving concepts in the law of rape, consumer rights and employment practices. (Concentration: American political system.)

- three semester hours

POL 230 Women and Politics (SS) (CD)

This course is designed to provide an introduction to the growing field of women and politics, specifically women and politics in the United States. Specific topics include the origins and goals of the women's movements, political participation by women in citizen-level activities, women elected and appointed officials in government, and public policy goals and accomplishments of the women's movements. (Concentration: American political system.)

- three semester hours

POL 241 Public Policy (SS)

An analysis of what government chooses to do about current public problems: how those problems originate, how policies are devised and implemented, and what are their consequences. An examination of specific policies including housing, health, welfare, education, environment, energy, defense and tax policy. (Concentration: American political system.)

-three semester hours

POL 242 State and Local Government (SS)

The study of sub national politics as process and systems with emphasis on intergovernmental relations. (Concentration: American political science.)

- three semester hours

POL 271 Politics Through Literature (H)

The study of politics and political concepts as they appear in contemporary literature. (Concentration: political theory and methodology.)

- three semester hours

POL 282 Canadian Politics (SS)

An analysis of the Canadian political system with special emphasis on the political culture, elites, the basis of partisanship and the role of the parties. Comparisons with Britain and the United States will be stressed with special emphasis on contemporary U.S.-Canada linkages. (Concentration: comparative political systems.)

- three semester hours

POL 285 U.S. Foreign Policy (SS)

American foreign policy, its formation and execution; principal factors underlying American foreign relations. Emphasis on contemporary foreign policy. (Concentration: international relations.)

- three semester hours

POL 286 After the Cold War: The Making of American Foreign Policy in the New Era (SS)

An examination of the linkage between domestic politics and American foreign policy following the end of the Cold War. Emphasis is on the attempts of policy makers, planners, interest groups, academics, and the press to shape or direct policy. Case studies will include U.S. policy toward China, Japan, Germany, Cuba, Canada, and Iran. (Concentration: international relations.)

- three semester hours

POL 288 Russian Foreign Policy (SS)

Examines the evolution of the Russian state since 1917; the linkage between ideology and nationalism, and between domestic and foreign policy. Emphasis on Russian foreign policy since 1990. (Concentration: international relations.)

- three semester hours

POL 301 Political Philosophy (H)

An analysis of the contributions and concepts of the major political philosophies from Plato to Machiavelli and an assessment of their relevance to the understanding of contemporary political systems. Comparisons with modern political theories. (Concentration: political theory and methodology.)

- three semester hours

POL 304 Modern Political Ideologies (H)

A comparative study of important contemporary ideological currents and their relationship to political events: liberalism, conservatism, socialism, communism, fascism, nationalism. (Concentration: political theory and methodology.)

- three semester hours

POL 306 Feminist Political Theory (H) (CD)

Feminism is a movement whose goal is to attain the full equality of women. Feminist theory in particular focuses upon the nature of the oppression of women and argues that the liberation of women will bring about radical changes in society and its values. It assumes that throughout history, the roles women have played and the images held about women have been shaped by men. In the process, women became alienated, viewing themselves in a mirror made for them by men. They accepted a false set of images - a false ideology - and they identify with it. (Concentration: theory and methodology.)

- three semester hours

POL 325 Urban Politics and Planning (SS)

An inquiry into urban planning and political institutions with special emphasis on such topics as political participation and public policy formation, and their bearing upon governmental problems in metropolitan areas. (Concentration: American political system.)

- three semester hours

POL 328 Political Parties and Elections (SS)

An analysis of political party activity and interest groups in political systems with special emphasis on the American experience. The nature of the two party system, types of party systems; national, state and local; the social bases of partisanship; party organization; leadership, strategy, the campaign, the convention. Parties and interest groups will be studied as participants in the making of public policy decisions. (Concentration: American political system.)

- three semester hours

POL 331 Public Administration (SS)

Theory, principles, processes and practice of public administration. The relation of private enterprise to the public policy. The study of the function of bureaucracies and administrative leadership in political systems in terms of recent theories of administrative behavior and decision making. (Concentration: American political system.)

- three semester hours

POL 332 Congressional Politics (SS)

An analysis of decision-making in legislative bodies. Major emphasis on the American Congress, with comparative materials from state legislatures and non-American political systems. (Concentration: American political system.)

- three semester hours

POL 334 The Presidency (SS)

Formation and development of the office of the president. Selected cases in the exercise of presidential power. (Concentration: American political system.)

- three semester hours

POL 337 Ethics and Politics (H)

Studies the responsibilities of public officials and citizens together with the social responsibilities of states. Political issues with ethical ramifications will be treated, such as: corruption in government, capital punishment, the congressional code of ethics, espionage, legalized abortion, tax evasion, civil disobedience, and others. Emphasis is on the case study approach. (Concentration: political theory and methodology.)

- three semester hours

POL 338 The Politics of Church and State (SS)

An examination of the relationship of church and state in its theological, constitutional, cultural, and secular totality. Emphasis will be on evolution of this relationship with selected topics of current concern such as the politics of church-related education. (Concentration: American political system.)

- three semester hours

POL 354 American Constitutional Law (SS)

An analysis of the development of American constitutional law and its effects on the distribution of political power. Use of Supreme Court cases to examine the nature of judicial review, the distribution of powers between the national and state governments, and the relative powers of the president, the Congress, and the Supreme Court. (Concentration: American political system.)

- three semester hours

POL 355 Civil Liberties (SS)

An analysis of the rights and liberties of individuals in terms of constitutional doctrine. Use of Supreme Court cases to examine contemporary issues of freedom of speech and press, search and seizure, self-incrimination, right of counsel, sexual and racial discrimination, and privacy. (Concentration: American political system.)

- three semester hours

POL 358 American Judicial Process (SS)

An analysis of American courts which focuses on the nature of judicial power, the structure of the judicial system, the appointment of judges, the bases of judicial decisions, and the political consequences of judicial actions which centers on the Supreme Court. (Concentration: American political system.)

- three semester hours

POL 360 Politics of European Democracies (SS)

Area focus on the United Kingdom, France, Germany, Italy, and the emerging Eastern European democracies. Comparison made also with the smaller Western European countries, Canada and the United States. Course objective is to identify and compare similarities and differences within the mature industrial democracies on the basis of social structure, culture and parties, policy making and administration, interest group activities, and economic policies and approaches to social welfare. (Concentration: comparative political systems.)

- three semester hours

POL 362 Political Development (SS) (CD)

An examination of politics and processes of development and change in the emerging countries of Africa, Latin America and Asia. The comparative analysis of internal and external threats to governmental growth and societal stability will expose the student to possible paths of structural change, modernization, and dependency. (Concentration: comparative politics.)

- three semester hours

POL 368 Revolution and Revolutionary Leadership (SS)

Examination of revolution as an empirical concept. The stages of revolutionary change, the politics of violence, and the characteristics of revolutionaries. (Concentration: comparative politics.)

- three semester hours

POL 376 Political Systems of the Middle East (SS) (CD)

An analysis of the political processes of Africa and the Middle Eastern states in the environment of regional and international politics. Selected political, economic and social problems with an emphasis on the region will be covered. (Concentration: comparative politics.)

- three semester hours

POL 378 Politics and Society of Latin America (SS) (CD)

An overview of the history, culture and the contemporary political processes of Latin America. Emphasis will be placed on political change, the role of the military, underdevelopment, relations with foreign powers, and the role of the church. Detailed examination of selected countries. (Concentration: comparative politics.)

- three semester hours

POL 380 International Relations Theory (SS) (CD)

An inquiry to approaches to theory building in international relations with an emphasis on the problems of war and peace in the nuclear age. Included are considerations of strategic planning, game theory, deterrence, decision-making theory, and models of international dependence. (Concentration: international relations.)

- three semester hours

POL 386 International Law (SS)

Surveys the field of international law beginning with its sources, legal nature and sanctions; followed by the rights and duties of states and the jurisdiction over persons, territories, the sea, airspace and outer space; concluding with the norms of neutrality and belligerency. (Concentration: international relations.)

- three semester hours

POL 390 Research Methods in Political Science (SS)

This course is designed to introduce students to the world of political research, specifically empirical research. The goal is to give the students a sufficient understanding and knowledge of the methods and techniques so that they may join the ranks of political scientists in this field. The topics to be discussed will cover the gamut of issues involved with empirical research: philosophical issues, measurement, statistical analysis, and survey design. (Concentration: political theory and methodology.)

- three semester hours

- offered every fall semester

•POL 398 Political Science Topics: A Topical Seminar (SS)

A seminar focusing on a single conceptual area of the instructor's choice. This could be women in politics, terrorism, political economy, race and politics, urbanization, or politics and the environment. This list is not exhaustive and is intended only as suggestive in range. (Concentration: dependent upon subject matter.)

- three semester hours

•POL 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

•POL 490 Research Thesis

Prerequisite: POL 390

This course will be an opportunity for advanced students of political science to do research within a specific subject area of the discipline. The students will be expected to apply their acquired skills (from POL 390) to the special issue of their choice. The course will be conducted as an independent research effort with each student meeting privately with his or her research project adviser(s). (Concentration: political theory and methodology.)

- three semester hours

- offered every spring semester

•POL 491 Internship

The department of political science offers various internships each semester. The number of course units and semester hours available will depend upon the circumstances of the internship. A determination of credit hours earned will be established at preregistration by the chairman of the department in consultation with the dean. (Concentration: American political system.)

- Credit - various

•POL 495 Internship - Albany, New York

(Concentration: American political system).

- nine semester hours

•POL 496 Internship - Washington, D.C.

(Concentration: American political system).

- nine semester hours

•POL 497 Internship - Washington, D.C.

Seminar. (Concentration: American political system).

- three semester hours

•POL 498 Independent Study (SS)

Arranged individually. Can be taken multiple times for different topics. (Concentration: dependent upon subject matter).

- three semester hours

POL 405, 406, 407, 408 Political Science Co-op

A junior or senior work-study program providing relevant paid employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op should talk to their adviser.

- zero to six semester hours



Pre-Engineering Program

Laurence R. Boxer, Ph.D., Coordinator
www.niagara.edu/egr

Goals

After successfully completing the program in pre-engineering, students applying to engineering schools will meet the requirements of these schools at the junior class level, particularly at SUNY – Buffalo and at the University of Detroit Mercy. The Pre-Engineering program is a partner in a Dual Admissions program with the School of Engineering and Applied Sciences at SUNY – Buffalo, and in a Transfer Agreement and Articulation Plan with the College of Engineering and Science at the University of Detroit Mercy. Qualified students will receive assistance in gaining admission to engineering schools. The Pre-Engineering program offers an Associate in Science degree.

A.S. - Pre-Engineering

Arts & Sciences

		Units
General Education Foundation Courses		7
WRT 100	Thinking and Writing	1
ENG 100	Intro. to Literature	1
REL 100 level		1
PHI 205	Intro. to Philosophy	1
EGR 202	Circuit Analysis I	1
EGR 204	Thermodynamics	1
EGR 207	Statics	1
Major Requirements		13
MAT 111, 112, 221	Calculus I, II, III	3
MAT 222	Differential Equations	1
MAT 102 or 435	(435 for Detroit-Mercy) Statistics I	1
MAT 228	Linear Algebra	1
EGR 115, 225	Engineering Graphics I, II	2
PHY 121-122	Survey of Physics	2
CHE 111-112	General Chemistry	2
CIS 265	Computer Science I	1

Students planning to major in Environmental Engineering should also take CHE 221 (Organic Chemistry I). Students planning to major in Chemical Engineering should also take CHE 113 (lab for CHE 111), CHE 114 (lab for CHE 112), and CHE 221-222 (Organic Chemistry I, II).

Total Program:

20

Courses

•indicates courses which cannot be challenged.

EGR 115 Engineering Graphics I

A study of descriptive geometry, orthographic representations of points, lines and planes, intersections and developments. Graphical vector analysis, engineering drawing and dimensioning are practiced. Computer Aided Design (CAD) tools will be introduced.

- three semester hours

EGR 202 Circuit Analysis I (NS)

Prerequisite: PHY 122

Co-requisite: MAT 222

A systematic development of network analysis methods. Topics include Kirchhoff's laws, loop and nodal analysis, Laplace transform analysis of circuits, AC steady state analysis, and phasor diagrams.

- three semester hours

- offered in spring semester

EGR 204 Thermodynamics (NS)

Prerequisite: MAT 112 or equivalent

Conservation of mass: first and second laws of thermodynamics; thermodynamic properties; equilibrium; applications to physical and chemical systems.

- three semester hours

- offered in fall semester

EGR 207 Statics

Prerequisite: PHY 121, MAT 112

Co-requisite: MAT 221

Application of mechanics to the study of static equilibrium of rigid and elastic bodies. Topics include composition and resolution of forces; moments and couples; equivalent force systems; free-body diagrams; equilibrium of particles and rigid bodies; forces in trusses and beams; frictional forces; first and second moments of area; moments and products of inertia; methods of virtual work and total potential energy.

- three semester hours

- offered in fall semester

EGR 225 Engineering Graphics II

This course examines the computer as an engineering design tool. A Computer Aided Design (CAD) program is used to demonstrate drawing techniques and commands. A major requirement is a design project using CAD techniques, with a written and oral presentation.

- three semester hours



Department of Psychology

Peter C. Butera, Ph.D., Chairperson
www.niagara.edu/psychology

Goals

Psychology is the scientific study of the mind and behavior. The subject matter of psychology, rooted in the facts of experience and behavior, has a strong linkage with the biological and social sciences. Psychology also shares the concerns and issues of the arts and humanities because they, like psychology, deal with human experience, feelings and motivations. By studying the fascinating interactions among biological and environmental influences on behavior, students gain a better understanding of their own actions, emotions, and thought processes. By approaching its subject matter as problems of scientific investigation, psychology can help students better understand the issues and problems they encounter in today's society.

The psychology major is designed to provide students with a comprehensive (and interdisciplinary) body of knowledge and to enable students to develop powers of discrimination and judgment. Through the use of advised electives, individualized programs of study are developed to correspond to students' educational and career goals.

The psychology department's research facilities include laboratories in behavioral neuroscience, clinical psychology, cognitive psychology, and developmental psychology. Students are encouraged to become involved in research projects under the guidance of faculty members. These opportunities for research with faculty, and our program of off-campus co-ops and practicum placements provide students with hands-on experience to supplement their classroom learning. Students can also participate in a variety of social and scholastic activities such as Psi Chi (National Honor Society in psychology) and the Psychology Club.

The program leads to a B.A. in psychology.

B.A. - Psychology

		Arts & Sciences
		<i>Units</i>
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses		9
Distribution Courses		11
Major Requirement		20
PSY 101	Introductory Psychology	1
PSY 201 or 215 or 310	Developmental Psychology or Psychology of Aging or Child Psychology	1

PSY 221	Statistics for Psychology	1
PSY 222	Research Methods	1
PSY 231 or 300	Physiological Psychology or Learning and Conditioning	1
PSY 322 or 265 or 355	Psychological Assessment or Industrial Psychology or Clinical Psychology	1
PSY 331 or 333	Cognitive Psychology or Sensation and Perception	1
PSY 341 or 342	Theories of Motivation or Social Behavior	1
PSY 252 or 353	Personality or Abnormal Psychology	1
PSY 361	History and Systems	1
PSY 481	Senior Seminar	1
	Advised electives	9

Total Program

40

Concentration in Clinical and Counseling Psychology

Students interested in pursuing graduate training in clinical or counseling psychology should complete the following courses as part of their major requirements or as advised electives:

PSY 252	Personality Theory
PSY 322	Psychological Assessment
PSY 353	Abnormal Psychology
PSY 355	Clinical Psychology
PSY 491	Practicum

Students interested in pursuing concentrations to prepare them for graduate study in child psychology, cognitive psychology, industrial psychology, neuroscience, or school psychology should consult their adviser for course selection.

Minor - Psychology

A. Required Course		<i>Units</i>
PSY 101	Introductory Psychology	1
B. Electives selected by advisement		4
Students must choose at least ONE course from the following groupings.		
Group 1		
PSY 201	Developmental Psychology	
PSY 215	Psychology of Aging	
PSY 310	Child Psychology	
Group 2		
PSY 231	Physiological Psychology	
PSY 333	Sensation and Perception	
PSY 371	Psychopharmacology	
PSY 325	Animal Behavior	
Group 3		
PSY 300	Learning and Conditioning	
PSY 331	Cognitive Psychology	
PSY 341	Theories of Motivation	
Group 4		
PSY 252	Personality Theory	
PSY 322	Psychological Assessment	
PSY 353	Abnormal Psychology	
C. Any additional three-credit psychology course		1
Total		6

Courses

**indicates courses which cannot be challenged.*

PSY 101 Introductory Psychology (SS)*

An introduction to basic psychological theory and research. The content of this course surveys the various subfields of psychology including: biopsychology, cognitive psychology, developmental psychology, abnormal psychology, and social psychology.

- three semester hours

PSY 201 Developmental Psychology (SS)*

Prerequisite: PSY 101

The biological, affective, cognitive and social domains of human development are studied individually and integrally as the stages of growth are traced from conception to death.

- three semester hours

- offered in spring semester

**Students taking PSY 101 or 201 are expected to be available for participation in research studies or an equivalent activity as a part of the educational process.*

PSY 215 Psychology of Aging (SS/CD)

Prerequisite: PSY 101

A study of development in adulthood and old age. The psychological, social and biological determinants of age-related changes are discussed. Current theory and empirical evidence are considered. Topics include psychomotor, intellectual functioning, learning, personality and adjustment, and mental health.

- three semester hours

- offered in fall semester

PSY 221 Statistics for Psychology (AS)

Prerequisite: PSY 101

A study and application of descriptive and inferential statistics used in psychological research including presentations of data, descriptive statistics, and testing of hypotheses.

- three semester hours

- offered in fall semester

PSY 222 Research Methods

Prerequisite: PSY 101, PSY 221

An introduction to methodological concepts in psychological investigation including problems in experimental design, procedure and application of statistical principles. Students should have some background in statistics before taking this course.

- three semester hours

- offered in spring semester

PSY 231 Physiological Psychology (NS)

Prerequisite: PSY 101

This course explores the relationship between the brain, its related systems, and behavior. The basic goals are to examine the physiological and neurological basis of behavior and to approach psychology from a biological perspective. Topics covered include: neuroanatomy and neurochemistry, sleep and arousal, biological rhythms, sexual differentiation and behavior, feeding behavior, the physiology of mental disorders, and neurological disorders.

- three semester hours

- offered in spring semester

PSY 232L Laboratory in Physiological Psychology

Prerequisite: PSY 101, PSY 231

This laboratory, designed to be taken concurrently with PSY 231, will provide students with hands-on experience in neuroanatomy, small animal care, and behavioral testing. Students will also be afforded direct contact with the principles of research design and analysis by conducting laboratory experiments in physiological psychology. The course is optional for students enrolled in PSY 231 and is also open to students who have completed PSY 231.

- one semester hour

- offered in spring semester

PSY 252 Personality Theory (SS)

Prerequisite: PSY 101

This course emphasizes the study of diverse personality theories representing psychoanalytic, psychometric trait, social learning, and phenomenological viewpoints as well as related assessment techniques, research findings, and their respective applications.

- three semester hours

- offered in spring semester

PSY 265 Industrial/Organizational Psychology

Applications of psychological principles to problems in the workplace are explored from the point of view of the individual employee and groups within and the organization. The course focuses on leadership, motivation, job satisfaction and factors influencing productivity. Personnel selection, placement, training, development, appraisals, and organizational theory are also considered.

- three semester hours

- offered in fall semester

PSY 300 Psychology of Learning and Conditioning (NS)

Prerequisite: PSY 101

This course is concerned with the detailed experimental study of both classical and operant conditioning, the major theories of learning in psychology. Topics to be covered include schedules of reinforcement, punishment and avoidance learning, discrimination and generalization, learned helplessness, and the influence of genetics on learning. Human applications of classical and operant conditioning will also be discussed.

- three semester hours

- offered in fall semester

PSY 307 Special Topics in Psychology

Prerequisite: PSY 101

Special topics courses in psychology are offered whenever departmental resources are sufficient to do so. Topics could include, but are not limited to, health psychology, sport psychology, forensic psychology, and biological basis of mental disorders. Students may take up to three special topics courses.

- three semester hours

PSY 310 Child Psychology (SS)

Prerequisite: PSY 101

This course utilizes the concepts of developmental psychology to examine in detail physical, social, emotional, and cognitive development from the prenatal period until pubescence. Typical problems of parenting and child rearing are considered along with research.

- three semester hours

- offered in fall semester

PSY 322 Psychological Assessment

Prerequisite: PSY 101

This course is designed to provide a basic introduction to the field of psychological assessment. Theories, methods, applications, and limitations of assessment in the areas of intelligence, interest, aptitude, personality, and psychopathology are included, as well as problems of test administration, construction and evaluation. As part of the course, students will be afforded direct experience with many well-known psychological assessment methods.

- three semester hours

- offered in spring semester

PSY 325 Animal Behavior (NS)

Prerequisite: PSY 101

An introduction to the study of animal behavior integrating classic and recent work in psychology, animal learning, zoology, neurobiology, physiology, and behavioral ecology. Evolutionary theory is used as an organizing framework for comparing behavior patterns in humans and other species.

- three semester hours

- offered in spring semester

PSY 331 Cognitive Psychology (NS)*Prerequisite: PSY 101*

Cognitive psychology is the scientific study of how people acquire and use information. The course emphasizes major theories in the field and the experimental investigation of such topics as pattern recognition, attention, knowledge representation, memory, problem solving, reasoning, and language.

- three semester hours
- offered in fall semester

PSY 333 Sensation and Perception (NS)*Prerequisite: PSY 101*

An experimental-theoretical approach to the processing of sensory information and perceptual phenomena. The research questions, methods, and findings from basic sensory processes to complex cognitive processes are discussed. Major emphasis is on the visual and auditory systems. Practical applications are considered.

- three semester hours
- offered in spring semester

PSY 341 Theories of Motivation (SS)*Prerequisite: PSY 101*

The study of motivation is an inquiry into the drives, needs, desires, and numerous other controlling forces operating in goal-seeking behavior. Physiological and behavioristic approaches, activation arousal theory, cognitive, social and self-actualizing theories and research will be examined and compared.

- three semester hours
- offered in spring semester

PSY 342 Social Behavior (SS)*Prerequisite: PSY 101*

This course considers how the variety of social influences impinging upon us daily contributes as one of the many determinants of our behavior in a variety of contexts. Topics covered include: impression formation, interpersonal attraction, the psychology of helping behavior, the development of attitudes, conformity behavior in groups, leadership, and the influence of physical environment on social behavior.

- three semester hours
- offered in fall semester

PSY 353 Abnormal Psychology (SS)*Prerequisite: PSY 101*

An examination of the dimensions, theories, and empirical findings in psychopathology. Topics will include the concept of abnormality, problems and schemes of classification, a review of theoretical approaches to understanding the etiology of psychopathology, a survey of various clinical syndromes, and a discussion of the treatment of selected disorders.

- three semester hours
- offered in fall semester

PSY 355 Clinical Psychology (SS)*Prerequisite: PSY 101*

This course surveys the major theoretical approaches and intervention techniques within the field of clinical psychology. Approaches covered include the psychodynamic, person-centered, gestalt, cognitive, and behavioral perspectives. Audio and video clips, demonstrations, and role-play exercises are used to supplement the traditional lecture-discussion format.

- three semester hours
- offered in spring semester

PSY 356 Psychology of Sex Differences (SS, CD)*Prerequisite: PSY 101*

This course examines the evidence for the existence of sex differences in behavior and the biological and social theories which attempt to account for gender differences in our society as well as cross-culturally. An attempt is made to understand the dynamic and perplexing changes facing men and women today.

- three semester hours
- offered in fall semester

PSY 361 History and Systems (H)*Prerequisite: PSY 101*

An overview of the historical development of the major doctrines in psychology is presented. This includes integrating social and political events with competing value systems in the formation of scientific thought, and examining how psychology was influenced by different philosophic schools of thought. Special attention will also be devoted to critical issues in the philosophy of science and theory construction.

- three semester hours
- offered in spring semester

PSY 371 Psychopharmacology (NS)*Prerequisite: PSY 101*

This course is designed to provide the student with a working knowledge of the basic principles of pharmacology, and an understanding of the behavioral and physiological effects of psychoactive compounds. An emphasis is placed on examining how the behavioral effects of drugs are brought about through their actions within the brain.

- three semester hours
- offered in fall semester

•PSY 401, 402, 403, 404 Supervised Research*Prerequisite: PSY 101*

An opportunity for students to conduct collaborative research under the supervision of a faculty mentor or engage in an independent study program. Both options require a written report.

- one, two or three semester hours

•PSY 406 and 407 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

•PSY 481 Senior Seminar (WI)*Prerequisite: PSY 101*

This course is restricted to seniors, and is the capstone course in the psychology major. It involves an intensive investigation of a specific topic in psychology. Students will apply the knowledge and skills acquired over the course of their program to the study of the selected topic. The topic will be determined by the instructor and will vary from semester to semester. Emphasis will be placed on student presentations and participation in a seminar format.

- three semester hours

•PSY 491-492 Practicum (WI)*Prerequisite: PSY 101*

The opportunity to obtain applied experience in psychology through weekly volunteer work in local agencies carried out under supervision of a professor. Students will meet as a group on a regular basis to discuss their experiences.

- three semester hours
- offered 2005-2007

PSY 493, 494, 495, 496 Psychology Co-op

A junior or senior work-study program providing relevant paid employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking a co-op should talk to their adviser.

- zero to six semester hours

Department of Religious Studies

Brian Bennett, Ph.D., Chairperson
bbennett@niagara.edu

Goals

The religious studies program at Niagara is designed to assist students to understand the religious dimension of human life as it influences persons, cultures and the world. The goals include the development of an understanding of the Judeo/Christian tradition in the spirit of the Catholic and Vincentian heritage of the university. This is accomplished through the exploration of unity and diversity in the dialogue between Christianity and the world religions by study of sacred texts, beliefs, symbols, rituals and communities. The program also explores how religion entails an ethical response to the personal, social, cultural and political problems of our time.

Directives

All students are required to complete successfully three course units (nine semester hours) in religious studies to qualify for a degree in any college of the university. This applies to all students regardless of an individual's religious affiliation.

Courses on the 100 level are restricted to freshmen. Transfer students are required to take a REL 100 course unless they have been granted transfer credit in religious studies. (cf. General Academic Information: Transfer Students and Transfer Credits.)

Freshmen and sophomores may take only one religious studies course per year.

REL courses taken to fulfill a general education distribution requirement cannot double for the university religious studies requirement. Courses on the 400 level are restricted to majors in religious studies.

Religious studies courses fall into four categories. Those categories and the course numbers under each are as follows: comparative religion (101, 206, 246, 306, 308, 309); biblical studies (211, 219, 304, 305, 315, 316, 319, 326); Christianity (103, 216, 217, 230, 265, 317, 341, 343, 344, 347, 388, 389, 390); and Christian ethics (215, 256, 335, 356, 357, 358).

Students needing additional advisement about religious studies courses should see the chairperson of the department of religious studies.

Students seeking to choose courses that will offer the possibility for deepening their understanding of Roman Catholic teaching and tradition might do well to consider those courses designated with ** after the course number.

B.A. - Religious Studies

Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
<i>The major program in religious studies includes four interrelated areas of study: comparative religion, biblical studies, Christianity, and Christian ethics. A candidate for this degree must complete courses in each area for a total of 10 units plus those three per the general university requirements, for a total of 13 units overall. Units assigned to each discipline may, with departmental advisement, be modified to meet the career needs of students.</i>	
<i>Majors should consult course descriptions for classifications of each course.</i>	
Major Requirement	20
REL 219	1
REL 206	1
REL 211	1
REL 217	1
REL 216	1
REL 256	1
REL 317	1
REL 499	1
Advised electives	10
Total Program:	40

Minor:

A minor in religious studies is awarded to a student who successfully completes a sequence of six courses, which includes the three course units (nine semester hours) in religious studies as required by the university. Two minor programs are possible as follows:

General Religious Studies: After taking either REL 101 or REL 103, the student selects five additional courses in consultation with the department of religious studies.

Catholic Studies: After taking REL 103, the student selects five additional courses providing emphasis on Catholic teaching and tradition, e.g., REL 216, REL 217, REL 256, REL 265, REL 347, REL 390, etc.

On completion of a minor program the student will be awarded a certificate.



Courses

**indicates courses which cannot be challenged.*

+indicates courses which may not be offered 2007-2009.

REL 101 Introduction to Religion (Comparative Religion)

This course involves the study of the central aspects of religion as exemplified in early religions, Hinduism, Buddhism, Judaism, Christianity and Islam. As part of its consideration of Christianity, the course highlights Catholic tradition, as well as the Vincentian heritage within it. In addition, it considers the contemporary critique of religion and issues of inter-religious dialogue.

- three semester hours

REL 103** Introduction to Christianity (Christianity)

A survey of the historical and theological development of the Christian religion from its Jewish origins to contemporary American Christianity. There will be an emphasis on the key historical moments and personages who have had a far-reaching impact on the Christian tradition, especially its Roman Catholic dimension. Aspects of the Vincentian heritage will be considered as part of the latter.

- three semester hours

REL 206 World Religions (Comparative Religion) (H/CD)

A survey course in the beliefs and history of the world's religions. It explores the human response to the manifestations of the divine in various cultures. In particular, this course studies religions of India (Hinduism, Buddhism, Jainism), China (Confucianism, Taoism), Japan (Shinto, Zen), and the monotheistic religions: Judaism, Christianity and Islam.

- three semester hours

REL 211 Introduction to Hebrew Scriptures (Biblical Studies) (H/CD)

This course was formerly numbered REL 102.

An introduction to the critical interpretation of the Jewish Bible/Old Testament. The composition and key themes of the individual works of the Bible will be examined in light of ancient Israelite history and religion. The formation of biblical canons in early Judaism and early Christianity will also be considered.

- three semester hours

REL 215** Christian Vision of the Human Person (Christian Ethics) (H)

The course will explore the meaning of human personhood using the theological language of grace, sin, freedom, and conscience, both from traditional and contemporary sources. We will discuss issues of human character as well as current issues in family, church and society, whose solutions have implication for the dignity of persons.

- three semester hours

REL 216** Jesus the Christ (Christianity) (H)

A study of Jesus as presented in the Gospels, with special emphasis upon Jesus as savior, the resurrection, the role of the cross, and Jesus as revealing the Word of God. Also treated are various theological developments (including the Formula of Chalcedon) in the distinction made between "the Jesus of History" and "the Christ of Faith."

- three semester hours

REL 217** Christian Sacraments (Christianity) (H)

A study of the scriptural, historical and cultural influences on the development of Christian worship. Beginning with the human experience of worship, the course proceeds to examine the Jewish roots of Christian worship and the various sacraments and rites which Christians celebrate. Special emphasis is given to baptism, confirmation and the Eucharist, and their relevance for the contemporary Christian.

- three semester hours

REL 219** The First Christians & the New Testament (Biblical Studies) (H)

An introduction to the critical interpretation of the earliest Christian literature within the historical, cultural and social settings of the ancient Mediterranean world in which it was produced. Close reading of primary texts will be emphasized, with a focus on issues of method and the question of unity and diversity in early Christianity.

- three semester hours

+REL 230 Eastern Orthodoxy and Protestantism (Christianity) (H/CD)

This course introduces students to the unity and diversity within Christianity. It provides them with an opportunity to study the fundamentals which hold Christianity together, and to appreciate the richness of the diversity through a study of its classical writings and its varied expression within American society.

- three semester hours

REL 246 Religion and Science (Comparative Religion) (H)

Conflict and antagonism between religion and science are neither uncommon nor unusual, yet they have a common origin in the quest for truth and meaning in life. Modern scientific knowledge is required to be objective, logical, empirical, and quantitative. Religion deals primarily with meaning; it gains knowledge through faith, contemplation and revelation. This course examines the contemporary relationship between religion and science.

- three semester hours

REL 256** Christian Morality (Christian Ethics) (H)

A Christian understanding of the human person as a basis for moral thought and action is applied to contemporary moral issues, with emphasis on human sexuality, health care ethics and issues of adult moral development.

- three semester hours

REL 265** Contemporary Catholic Thought (Christianity) (H)

An introductory survey of Catholic thought examining Christian belief from a mature and developed perspective, and exploring the applications of this synthesis to Christian existence.

- three semester hours

REL 280 Religion, Language, Music (H/CD)

Using examples from different time periods and traditions, this course explores some of the interconnections between religion, language, and music. Possible topics include prayers and mantras, sacred languages and scripts, calligraphy, chant, and classical and contemporary forms of music. No special background in language or music is required.

- three semester hours

REL 304** Johannine and Gnostic Christianities (Biblical Studies) (H)

A study of the social history and thought of the community of the "Beloved Disciple" through literary, rhetorical, and historical-critical examination of the Fourth Gospel and the Johannine epistles. Special focus will be given to comparison of this form of Christianity to other forms of early Judaism and Christianity, with particular attention to Gnosticism.

- three semester hours

+REL 305** The Book of Revelation (Biblical Studies) (H)

An in-depth study of the Book of Revelation through its background (Hebrew Bible/Old Testament, Inter-Testamental Literature, Qumran, New Testament) as well as through detailed study of the text.

- three semester hours

REL 306 Judaism and Christianity
(Comparative Religion) (H)**
An in-depth study of the emergence of Judaism and Christianity from the religion of the Hebrew and Christian Scriptures, their process of achieving independent self-definition and the effect of this independence upon their past, present, and future relations.
- three semester hours

**REL 308 Judaism and Islam
(Comparative Religion) (H/CD)**
A study of the monotheistic religions, Judaism and Islam. The beliefs, rituals and practices of these religions is examined through history, literature and tradition. Special emphasis on contemporary issues and their relationship to the past.
- three semester hours

**REL 309 Hinduism and Buddhism
(Comparative Religion) (H/CD)**
An exploration of the central religious tradition of India, as well as the origins of the wisdom of Buddhism. The development within Buddhism of the Theravada and Mahayana (e.g., Zen, Tibetan Buddhism, etc.) "vessels" of thought are studied. The values, rituals, and practices of these religions are examined through art, classic writings and spiritual techniques.
- three semester hours

REL 315 Prophecy in Ancient Israel
(Biblical Studies) (H)**
This course was formerly numbered REL 200.
A study of the prophetic dimension of ancient Israelite society and religion from its origins through the post-exilic period. Special attention will be given to close reading of the primary evidence, with an eye to the political, socioeconomic and religious crises that Israel's prophets perceived, interpreted, and addressed.
- three semester hours

REL 316 The Problem of the Historical Jesus
(Biblical Studies) (H)**
A critical examination of Jesus of Nazareth as an historical figure. Recurring themes to be considered will include the role of authorial interests in shaping literary representations of Jesus, ancient and modern; the problems this poses for attempts to recover the "historical" Jesus; and the extent to which such a recovery is possible at all.
- three semester hours

REL 317 Christian Ministry (Christianity) (H)**
A study of the scriptural, historical and cultural influences on the development of ministry in Christianity. This exploration of the origins and evolution of ministry, and the various forms it has taken from the New Testament period to the present, enables a critical reflection on current trends and concerns for both "lay" and "ordained" ministry.
- three semester hours

REL 319 The Synoptic Gospels (Biblical Studies) (H)**
This course was formerly numbered REL 202.
A literary and historical study of the Gospels of Matthew, Mark and Luke, including the hypothetical Synoptic Sayings Source "Q." The literary relationship between these texts will be explored, and the distinctive narrative and theological features of each will be investigated.
- three semester hours

REL 326 Paul and His Letters (Biblical Studies) (H)**
This course was formerly REL 204.
An examination of Paul's letters through the lenses provided by contemporary biblical criticism. Special attention will be given to the social circumstances in which they were written, their rhetorical aims, the religious and ethical thought they manifest and, finally, Paul's legacy in subsequent Christianity.
- three semester hours

REL 335 Christian Spirituality (Christian Ethics) (H)**
Christian spirituality, often described as the lived experience of the Christian faith, is systematically analyzed from biblical, historical, theological, and cultural perspectives. Special emphasis is given to Christian spirituality's contribution to an understanding of God, self, community, and the promotion of justice and peace.
- three semester hours

+REL 341 The Mystery of God (Christianity) (H)**
An introduction to the God question as it has evolved in religious and philosophical thought. Included will be a critical analysis of the search for God as expressed in biblical, medieval, reformational and contemporary literature. This course will include participation in a 20-hour community service project.
- three semester hours

REL 343 Women in Church and Society
(Christianity) (H)**
A survey of issues pertinent to the life and role of women in the church and society, with special focus on equality, development and peace.
- three semester hours

REL 344 Searching for Christian Maturity
(Christianity) (SS)**
A study of Carl Jung's theory of personality, an application to spiritual themes, and a consideration of writings within the Christian tradition reflected on from a Jungian perspective.
- three semester hours

REL 347 Church and Culture (Christianity) (SS/CD)**
This course examines some of the critical and complex issues confronting the Christian church as it interacts in a postmodern, pluralistic world. It will examine the relationship of church, culture and belief in different international settings. It will explore such issues as the mission of the church in a global world, and how belief and practice of the Christian life is challenged and expressed in different contexts.
- three semester hours

REL 356 Christian Marriage (Christian Ethics) (SS)**
The meaning of human love experience: its expression in human sexuality, the conditions within which this value is experienced, the relationship of human sexuality and marriage, and marriage as the sign of the unity among people with God is discussed in its sacramental, psychological, physiological, moral and social aspects.
- three semester hours

REL 357 Christian Social Responsibility
(Christian Ethics) (H)**
This course will examine the relationship between Christian belief and citizenship, including the exploration of social responsibility in one's personal ethical code. We will study church teaching on social issues as well as examine a range of contemporary social problems.
- three semester hours

REL 358 Morality and Medicine (Christian Ethics) (SS)**
A study of current medical and biological issues from the viewpoint of Christian ethics. An examination of contemporary moral and legal problems such as eugenic engineering, artificial insemination, compulsory sterilization, and abortion. Recommended for premedical and prelaw students.
- three semester hours

REL 388 Church History I (Christianity) (H)**

An in-depth study of the history of the Christian Church from its apostolic days to the Middle Ages. The course will examine the development of Christian doctrine, the evolution of Church structures and the relationship of the Church to society and culture during the first 1500 years of its existence.

- three semester hours

REL 389 Church History II (Christianity)(H)**

An in-depth study of the history of the Christian Church from the Reformation period to modern times. The course will examine the development of Christian doctrine, the evolution of Church structures and the relationship of the Church to society and culture during the last 500 years of its existence.

- three semester hours

REL 390 American Catholicism (Christianity) (H)**

This course will address the history and theology of Catholics in the United States as well as the issues which have confronted the church in America. Special emphasis will be placed on contemporary issues in the final unit of the course.

- three semester hours

REL 392 The Second Vatican Council (Christianity) (H)**

A survey of the historical and theological dimensions of the Second Vatican Council. The course will consider historical background, as well as the salient moments in, significant contributors to, and major pronouncements of, this major cultural and religious event of the 20th century. It will also investigate the debate over its spirit and teaching as they continue to impact Roman Catholics, Christians, and members of other religions.

- three semester hours

REL 399 Special Topics in Religious Studies

This course is designed as a one-time course. It will deal with special topics in religion, theology, church history, morality, or scripture according to the research agenda and interests of a particular professor.

- three semester hours

•REL 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

REL 493, 494, 495 and 496 Religious Studies Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk with their adviser.

- zero to six semester hours

•REL 498 Independent Study

Student development of a research project under the guidance of a mentor and with permission of the chairperson of the department and dean of the college. Research paper required.

- three semester hours

•REL 499 Senior Seminar (WI)

Majors will complete an individually tailored research project which will apply the department's holistic approach to the study of religion to a specific topic determined by the majors and their advisers and approved by the chairperson. Research paper required.

- three semester hours

The Interdepartmental Social Sciences Program

Todd Schoepflin, Ph.D., Program Director

tas@niagara.edu

Goals

The Interdepartmental Social Sciences Program is a cooperative effort of the departments of criminal justice, economics, political science, psychology, social work and sociology. A degree in social sciences equips students with knowledge of the special content and principal methods of the social sciences disciplines. Individual students, in cooperation with the program coordinator, design a curriculum that addresses their broad interest in the social sciences and prepares them to achieve their academic and career goals. The program provides for a lifetime concern and responsibility for problem solving and encourages the liberation of personal capacities and intellectual individuality.

This program leads to the B.A. in social sciences.

B.A. - Social Sciences

Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
SSC 100* The Social Sciences	1
SSC 400* Social Sciences Seminar	1
POL 390, SOC 320, Research methods	1
CRJ 300, SWK 330, or PSY 222	
Concentration	4
Discipline	4
Criminal justice, economics, political science, psychology, sociology or social work	
Social science discipline #2	3
Social science discipline #3	3
Social science discipline #4	3
Advised electives	3
CIS 232 or CIS 233 Introduction to Business	1
Computing Applications or Using the Computer as a Research Tool	

Total Program: 40

Minor - Social Science

SSC 100 and five courses from the following areas: economics, political science, social work, sociology, psychology and criminal justice.

*The student is advised to take Social Science 100 during his or her freshman or sophomore year; Social Science 400 during his or her senior year.

**Course selections must come from one of the social science departments and carry a social science designation (SS).

Courses

**indicates courses which cannot be challenged.*

SSC 100 The Social Sciences (SS)

An introduction to the principal concepts, methods and selected content of certain of the social science disciplines. Required for majors in the social sciences program; open to all students.

- three semester hours

•SSC 400 Social Sciences Seminar (WI)

This course will allow advanced students of social science to develop research skills used by the social science community of scholars. There will be an opportunity for the students to apply these research skills to a specific subject area of the discipline. This course is required for all social science majors.

- three semester hours

•SSC 403 and 404 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

SSC 493, 494, 495, 496 Social Science Internship Co-op

A junior or senior work-study program providing relevant paid employment experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship/co-op should talk to their advisers.

- zero to six semester hours



Department of Sociology

Todd Schoepflin, Ph.D., Chairperson

www.niagara.edu/sociology

Goals

Sociology is the science of society. Sociological consciousness provides a valuable perspective on society and the principles that influence human behavior, the processes of group life, and the interrelationship between the individual and society.

Sociology provides students with background and basic learning for a variety of interests, graduate study, and professional degree programs through its general analyses of society's trends and its specific insights into major topical concerns (economy, family, government, industry, medicine, etc.).

The sociology program consists of three components that are generated in a dynamic interaction between faculty and students: sociological content and research findings, research designs, and research implementations through internships and service learning.

B.A. - Sociology

Arts & Sciences

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Major Requirement	20
SOC 101 Introduction to Sociology	1
SOC 303 or 325 Social Problems/Race and Ethnicity	1
SOC 307 or 231 Marriage/Black Families	1
SOC 310 Social Theory	1
SOC 312 Social Stratification	1
SOC 313 Social Psychology	1
SOC 317 Cultural Anthropology	1
SOC 320 Social Research Methods	1
SOC 328 Social Change	1
SOC 450 Senior Research Seminar	1
Sociology electives	4
Advised electives	6
Total Program:	40

Minor - Sociology

The minor in sociology is awarded to a student who has successfully completed SOC 101 (Introduction to Sociology, one unit) and a sequence of four courses in sociology (four units), a program of five total units, which is determined by the student in consultation with the department.

Courses

**indicates courses which cannot be challenged.*

SOC 101 Introduction to Sociology (SS)

An introduction to the scientific study of interactional patterns in social groups. Special emphasis is placed on the structures, processes, and problems of contemporary society.

- three semester hours

SOC 202 Contemporary Social Organization (SS)

An analysis of structure and processes within contemporary organizations including the nature, environment, effectiveness, and theory of organizations; focus on power, conflict, resolution, communication, change, innovation, and centralization.

- three semester hours

•SOC 205 Native American Cultures (SS/CD)

Comparative and social-cultural study of Native American cultures. Included are analysis of customs, social structures and processes, and social change.

- three semester hours

•SOC 210 Criminology (also CRJ 210) (SS)

Historical and contemporary perspectives of the causes of crime and deviance in society and the treatment of offenders. Major social, psychological, and economic theories will be assessed. Nonbehavioral science perspectives will also be examined.

- three semester hours

•SOC 231 Contemporary Black Families in American Society I (SS/CD)

Overview of periods and themes which structure understanding of black experiences, including: African roots, European colonialism, slavery, emancipation, Reconstruction, migration, civil rights era. Introduction to issues experienced by contemporary black families and communities, with attention given to the variety of religious, political, economic, educational, and cultural experiences in black communities.

- three semester hours

•SOC 232 Contemporary Black Families in American Society II (SS/CD)

In-depth study of issues experienced by contemporary black families and communities, with attention given to the variety of religious, political, economic, educational, and cultural experiences in black communities.

- three semester hours

•SOC 270 Incarceration (also CRJ 270) (SS)

The history, philosophy, and current status of incarceration as a correctional alternative. The individual, societal, and public policy liabilities and benefits of incarceration as a post-conviction strategy. The legal rights of prisoners.

- three semester hours

SOC 302 Specializations in Sociology

An analysis of specific sociological topics that have developed as strong theoretical and research areas of current inquiry, including adolescence, sex roles, work and leisure, sociology of knowledge, educational systems, and mass media.

- three semester hours

SOC 303 Social Problems (SS)

An examination of sociological studies of social disorganization in contemporary society, focusing on societal and institutional disorders.

- three semester hours

SOC 304 Sociology of Deviance (SS)

Deviance as a social process with concentration on selected cases of individual and group pathologies including mental illness, sexual behavior, drug behavior.

- three semester hours

SOC 307 Marriage and the Family (SS)

Sociological analysis of variations in marital and family structures: past, present and future. Special attention is given to courtship and parenting patterns in industrial society.

- three semester hours

SOC 308 Women in Society (SS/CD)

Review of the status of women in American society: socialization, role, self-conception, and participation.

- three semester hours

SOC 309-310 History of Social Theory I and II (H/WI)

The social theories of representative social thinkers; study of the leading developments in sociological theory from Comte to the present time.

- six semester hours

SOC 312 Social Stratification: Sociology of Poverty (SS)

An appraisal of theory and research in social stratification; examination of the hierarchical ranking, particularly in the United States. Focus on social inequality and poverty.

- three semester hours

SOC 313 Social Psychology (SS)

A survey of major social psychological theories and topics with special emphasis on the nature of selfhood. Prime focus lies on the dramaturgical analysis of self-presentation, identity, and stigmatization.

- three semester hours

SOC 314 Urban Sociology (SS)

Culture of cities, ecology of the city. Social changes and effects on urban institutions. Problems facing urban dwellers. City planning, resettlement and theories of the city of the future.

- three semester hours

SOC 315 Life in Industrial Society (Industrial Sociology) (SS)

A general consideration of the causes, processes, and the effects of worldwide industrialization, with a major focus on the organizational structures, occupational variations, and current problems of modern American industries. Students will be introduced to General Systems Theory and the GST perspective will be applied to case study analysis of the social impacts of economic/business/industrial activities.

- three semester hours

SOC 317 Cultural Anthropology (SS/CD)

Study of humanity and culture from the beginnings in the Stone Ages. Fundamentals of primitive community life. Analysis of individual cultures; the simpler cultures; representative cultures of the main ethnic areas.

- three semester hours

SOC 318 Psychological Anthropology (SS/CD)

This course examines the relation of culture and social structure to the development of personality; analysis of national character, relation of subcultures and personality traits.

- three semester hours

•SOC 320 **Social Research Methods (WI)**
 (also CRJ 300)

Prerequisites: SOC 101 and junior or senior standing

An introduction to social research methods. Basic elements of the logic of research design, problems of measurement, methods for determining casual relationships, and various types of research design and methodology are presented, including sampling, questionnaire construction, and data collection methods.

- three semester hours

•SOC 321 **Applied Social Research**

Prerequisite: SOC 320

Students will be given an opportunity to apply the information obtained from SOC 320 and to experience the use of a number of different data collection methods. The class will conduct a complete evaluation study and/or a survey research study.

- three semester hours

SOC 322 **Sociology of Aging (SS/CD)**

The study of aging as a cultural, social, psychological, and biological process. Various theories of aging will be presented and discussed. Emphasis on aging in American society.

- three semester hours

SOC 323 **Religion and Society (SS)**

The social contexts and correlates of the various forms of religious expression throughout history: creeds, codes, cults, and organizational structures. This course may be used to fulfill a religious studies requirement for students majoring in sociology and social work.

- three semester hours

SOC 325 **Race and Ethnicity (SS/CD)**

An introduction to the study of ethnic and racial relations. Emphasis is given to an understanding of social factors as possible bases for prejudice and discrimination, and on social, cultural, and structural influence on ethnic and minority relations, with particular emphasis on conditions in the United States.

- three semester hours

SOC 326 **Sociology of Medicine (SS)**

A survey of theory and research concerned with medical care as a social institution. The relation of social factors to illness, and social processes involved in medical education.

- three semester hours

SOC 328 **Social Change (SS)**

An introduction to sociological theories of social change, including an analysis of the problems of coping with life in a rapidly changing world.

- three semester hours

SOC 336 **Political Sociology (SS)**

The relation of social structure to political organization and participation, with special attention to the implications of empirical research on power, voting, and alienation.

- three semester hours

•SOC 337 **Juvenile Justice (also CRJ 202) (SS)**

The history and current status of attempts to explain juvenile delinquency. The nature and extent of delinquency and the manner in which juveniles are handled through the judicial process. Innovations in the treatment and punishment of delinquency will be assessed in terms of their effectiveness and social consequences.

- three semester hours

•SOC 375 **Community Corrections (SS)**
 (also CRJ 375)

An examination of the history, philosophy, and functioning of community-based correctional programs. Each of the various types of programs, including probation and parole, will be discussed and evaluated. The legal right of ex-offenders will also be discussed.

- three semester hours

•SOC 403 & 404 **Honors Thesis I and II (WI)**

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

SOC 431-432 **Black Families Seminar I & II**

Prerequisite: SOC 231-232 and permission of instructor

This seminar sequence investigates issues experienced by contemporary black families and communities, with attention given to the variety of religious, political, economic, educational, and cultural experiences in black communities. Students will demonstrate research skills by designing projects in SOC 431 and implementing projects in SOC 432.

- six semester hours

•SOC 450 **Senior Research Seminar (WI)**

Required of senior (junior by permission only) sociology majors. An integrative, reflective capstone course to synthesize major theoretical and empirical elements of key substantive issues in sociology.

- three semester hours

SOC 493, 494, 495, 496 **Sociology Internship/Co-op**

A junior or senior work-study program providing relevant employment experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship/co-op should talk to their adviser.

-zero to six semester hours



Department of Social Work

Clementine U.M. Laverman, Ph.D., ACSW,
Program Director
www.niagara.edu/socialwork

Goals

The department of social work at Niagara University is accredited by the Council on Social Work Education at the baccalaureate level and offers a program leading to the bachelor of science degree in social work.

Mission Statement

The Social Work Department at Niagara University is committed to the creation of a just and compassionate world, where human dignity and cultural diversity are restored, preserved and celebrated, and where social and economic choices and opportunities are fairly distributed among all members of our diverse and interconnected world. Education for social work is accomplished through a curriculum that combines a solid liberal arts perspective with social work foundation courses. Within the social work curriculum, our special concern is for poor and at-risk populations living in our region and beyond.

Given this commitment, the mission of the Social Work Department at Niagara University is the preparation of competent generalist social work practitioners capable of empowering practice with diverse client systems of all sizes and types, who act ethically, who think critically, who participate actively within the community, and who are committed to social and economic justice. Consistent with the Vincentian tradition of Niagara University, students and faculty engage in social service and social action activities to benefit at-risk populations and impoverished communities. In addition, social work faculty acts on the mission through the development of knowledge for social work and as social work leaders at university, local, state, and national levels.



The Department's Goals

There are five major themes embedded in the department's mission statement: 1. competent generalist social work practice; 2. empowerment of poor and at-risk populations; 3. social and economic justice. 4. service to poor and at-risk communities; and 5. knowledge development and leadership activities. Focusing on these themes has enabled the faculty to generate 5 program goals and 22 program objectives that help bring the mission alive in the daily experiences of students and faculty.

The 5 goals derived from the Department's Mission Statement follow:

- To prepare competent generalist practitioners who are grounded in the liberal arts and who integrate social work knowledge, values and skills with diverse client systems of various sizes and types (theme of competent generalist practice);
- To prepare graduates with special skills and knowledge to empower populations-at-risk and the poor (themes of empowerment of at-risk and poor populations and social and economic justice);
- To demonstrate commitment to social and economic justice through active citizenship, social policy activism, and through improving social service delivery systems (theme of social and economic justice);
- To demonstrate concern for poor and at-risk populations through participation in service learning and extra-curricular service activities (theme of service to poor and at-risk communities);
- To contribute to the social work profession through the development of social work knowledge and through leadership activities (themes of knowledge production and leadership and social and economic justice).

The social work department has 22 program objectives developed from the program goals. The program objectives are consistent with the Educational Policy, Section 3. These 22 objectives are listed below.

Program Objectives Related to Goal 1:

Prepare competent generalist practitioners who integrate social work knowledge, values and skills with diverse client systems of various sizes and types. Graduates of Niagara University Department of Social Work will demonstrate the ability to:

1. Apply critical thinking skills to all aspects of professional practice (EP 3.1);
2. Work respectfully and without discrimination with diverse client systems of various sizes and types (EP 3.3; EP 3.6);
3. Practice in an ethical manner that is consistent with the NASW and/or the CASW Code of Ethics (EP 3.2; EP 3..4);
4. Understand differing interpretations of the history of the social work profession and apply these interpretations to its current structures and issues (EP 3.5);

5. Use theoretical frameworks supported by empirical evidence and/or humanistic and interpretive methods to understand human development and behavior within the complex interactions between micro, mezzo, and macro systems (EP 3.7);
6. Analyze the impact of social policies on client systems, workers, and agencies and work to formulate and influence policy changes that support human dignity, diversity, and social and economic justice (EP 3.8)
7. Evaluate research studies and apply findings to practice, and under supervision, evaluate their own practice interventions (EP 3.9);
8. Use supervision and seek consultation appropriately to generalist practice (EP 3.11);
9. Use communication skills differentially with a variety of client populations, colleagues, and communities (EP 3.10);
10. Function within the structure of organizations and service delivery systems and under supervision, seek necessary organizational change (EP 3.12);
11. Understand the structural foundation of oppression and discrimination and the impact on individuals, families, communities, and other social relationships (EP 3.4);
12. Utilize graduate educational and/or lifelong learning opportunities to extend personal and professional growth (EP 3.2).
13. Demonstrate proficiency in research skills through active participation in community-based research projects (EP 3.12).

Program Objectives Related to Goal 2: Prepare graduates with special skills and knowledge to impact on populations-at-risk and the poor. Graduates of the Niagara University Social Work Department will demonstrate the ability to:

14. Think critically about traditional theories and world views that comprise the social work knowledge base and consider alternative approaches to the construction of knowledge that reflect diverse cultural experiences (EP 3.1);
15. Apply empowering theories and problem-solving methods which focus on the strengths of individuals, families, groups, organizations and communities (EP 3.3; EP 3.4);

Program Objectives Related to Goal 3: To demonstrate commitment to social and economic justice through active citizenship, social policy activism, and through improving social service delivery systems (theme of social and economic justice).

Graduates of Niagara University's Social Work Department and/or the Social Work Faculty will demonstrate the ability to:

16. Contribute to improving social service delivery systems through the provision of various services to agencies each academic year such as in-service trainings (faculty); program research and evaluation (faculty and students); research consultation (faculty), or other activities supportive of agencies;

17. Work for mezzo and macro level policy change through communication with public officials on issues of public importance and attendance at events/activities promoting progressive social change (students and faculty).

Program Objectives Related to Goal 4: To demonstrate concern for poor and at-risk populations through service learning and extracurricular service activities (Theme of service to poor and at-risk communities). Graduates of Niagara University and/or Social Work Faculty will demonstrate the ability to:

18. Participate in no less than 60 hours of service learning involving the poor and/or at-risk populations by the time of graduation (students);
19. Support Niagara University's Vincentian Mission through no less than two social service activities each academic year with poor and at-risk populations at the local, national and global level (students and faculty).

Program Objectives Related to Goal 5: Contribute to and promote the social work profession through enhancing and developing social work knowledge and through leadership activities. Social Work Department faculty members will demonstrate the ability to:

20. Engage in research and/or theory development and each faculty will publish at least one article in a three year period;
21. Present social work knowledge at professional conferences, community forums and workshops and each faculty member will have engaged in at least one presentation in a three year period.
22. Accept leadership roles within the university and within the community at the local, state, and national levels and by the end of each academic year each faculty member will have served on at least one university committee and at least on one committee in the community (local, state, or national) every year.

The Social Work Department's Mission Statement, Goals, and Objectives guide program development and implementation.

Admission Procedures

Students go through two separate admissions procedures as they progress through the department's degree program. Initially, students apply for entry into the preprofessional foundation sequence. After successful progress in the preprofessional foundation sequence, students apply for entry into the professional foundation sequence. These admission procedures are described in the baccalaureate social work student handbook.

B.S. - Social Work

Arts & Sciences

Units

General Education Requirement		20
<i>See General Education</i>		
Foundation Courses		9
Distribution Courses		11
Preprofessional Foundation Sequence:		
SWK 100	Introduction to Social Work	1
SOC 101	Introduction to Sociology	1
PSY 101	Introduction to Psychology	1
POL 101	American Government	1
SWK 200	History of Social Services and Policy	1
SWK 211	Human Behavior and the Social Environment I	1
SWK 212	Human Behavior and the Social Environment II	1
SWK 210	Diversity and Social Justice Social work elective (200 level)	1
Professional Foundation Sequence:		
SWK 300	Social Policy Analysis	1
SWK 310	Basic Helping Skills	1
SWK 320	Practice Methods I: Individuals, Families & Groups	1
SWK 330	Social Work Research Methods	1
SWK 420	Practice Methods II: Groups, Communities & Organizations	1
SWK 425	Field Practicum Seminar I	1
SWK 426	Field Practicum Seminar II	1
SWK 427	Field Practicum I	1
SWK 428	Field Practicum II Social work elective (300 level) Advised elective	1

All majors are required to enroll in the following general education distribution courses: BIO 101 (NS), MAT 102 (AS), CIS 233 (AS), and ASL 100 or SPK 101 (AS).

Total Program: 20

Social Work Minor

Five social work courses are required for an undergraduate minor in social work. The following three courses are mandatory:

SWK 100	Introduction to Social Work
SWK 200	History of Social Services and Policy
SWK 210	Diversity and Social Justice

Additionally, students can select two social work electives or they may opt to complete the human behavior and social environment sequence by enrolling in SWK 211 and SWK 212.

Minors need to pass the appropriate prerequisites for the social work courses. SWK 100 is a prerequisite for all the social work courses. BIO 101, SOC 101, PSY 101 are prerequisites for SWK 211. SWK 211 is a prerequisite for SWK 212.

Social work minors may not enroll in any social work courses listed under the professional foundation sequence. Social work minors are advised by the program director. The Council on Social Work Education does not accredit minors in social work.

Courses

•indicates courses which cannot be challenged.

•SWK 100 Introduction to Social Work (SS/WI)

An introduction to the profession and beginning generalist social work practice. The values, knowledge, and skills necessary for practice will be critically examined and discussed, along with the social problems of concern to the profession. Social work in the empowerment tradition will be emphasized. This course requires 25 hours of service learning. This course is required for social work majors and minors.

- three semester hours

•SWK 200 History of Social Services and Policy (H/WI)

Prerequisites: SWK 100; Recommended POL 101

This course focuses on the historical development and structure of the social services system. In the evaluation of social policies, specific attention will be given to populations at risk, such as African Americans, Native Americans, women, persons with disabilities, and gays and lesbians, who all have encountered social injustice. Students will learn how these groups resisted efforts to dominate them and how they empowered themselves.

- three semester hour

•SWK 210 Diversity and Social Justice (SS/CD)

Prerequisite: SWK 100

This course is designed to stimulate and enhance a student's understanding of various cultural issues that are relevant to his or her professional aspirations. One thrust of this course is to develop in students a respect and appreciation for diversity in all its forms. It is intended that this course will facilitate effective communication among diverse populations. This course requires 20 hours of service learning. This course is required for social work majors.

- three semester hours

- offered in fall semester

•SWK 211 Human Behavior and the Social Environment I (SS/WI)

Prerequisites: SWK 100, BIO 101, SOC 101, PSY 101

This is the first course in a two-semester sequence. The course provides students with basic descriptive knowledge about how biological, social and psychological systems affect the human person from birth through young adulthood. In addition, students assess the strengths and limitations of various theories of human behavior for diverse populations, and consider alternative and possible theories that change or extend traditional theories.

- three semester hours

- offered in fall semester

•SWK 212 Human Behavior and the Social Environment II (SS)

Prerequisites: SWK 100, BIO 101, SOC 101, PSY 101 and SWK 211

This course is a continuation of SWK 211. The course provides students with basic descriptive knowledge about how biological, social and psychological systems affect the human person from middle adulthood through late life. In addition, students assess the strengths and limitations of various theories of human behavior for diverse populations, and consider alternative and possible theories that change or extend traditional theories.

- three semester hours

- offered in spring semester

•SWK 240 Selected Topics in Social Work and Social Welfare

Prerequisite: SWK 100

Areas of special interest to students are offered. Examples of topics include: crisis intervention, school social work, poverty, industrial social work, social work and technology, social work and the law, and domestic violence. Emphasis will be placed on student research, presentations, and participation through a seminar format.

- three semester hours

•**SWK 250 Human Sexuality (SS)**

Prerequisite: SWK 100

This course will present a survey of contemporary issues and problems in human sexuality from a social, psychological, biological, cross-cultural, and clinical perspective. Topics such as sexual orientation, adolescent sexuality, teen pregnancy, infertility, family planning, sex research, coercive forms of sex, and treatment of sexual problems will be explored.

- three semester hours

•**SWK 252 Death and Dying (SS)**

Prerequisite: SWK 100

This course deals directly with the psychological, social, and behavioral dynamics inherent in confronting the issue of death and dying, from both the personal and professional perspectives. Aspects related to euthanasia, refusing life-sustaining medical treatment, factors influencing grief and bereavement among people from diverse populations, and hospice care are some of the topics explored. This is a required course for the gerontology minor.

- three semester hours

•**SWK 253 Women's Issues and Social Work Practice (SS)**

Prerequisite: SWK 100

In this course, students will explore the impact of gender, race and ethnicity, and social class on women's mental, physical, and economic well-being. Through investigation of their own experiences as women and men, and through readings and classroom activities, students will become familiar with a variety of contradictions confronting women social workers and women clients. Gender inequality within the social work profession and strategies for change will be highlighted.

- three semester hours

•**SWK 300 Social Policy Analysis**

Prerequisites: SWK 100, SWK 200 and POL 101 (majors only)

This course focuses on teaching the skills and tasks of policy practice. The first half of the course reviews the economic and cultural underpinnings of social policy in the United States with emphasis on populations at risk. The second half is devoted to learning the tasks of policy practice: agenda setting, problem defining, proposal writing, policy enacting, policy implementing, and policy assessing.

- three semester hours

- offered in spring semester

•**SWK 310 Basic Helping Skills**

Prerequisites: SWK 100, SWK 200, SWK 211, SWK 212 (majors only)

This course is the first part of a two-semester sequence on social work methods with individuals, families and groups. The course focuses on developing the necessary skills for generalist social work practice from an empowerment perspective. Areas explored include: theories and models of social work practice with populations at risk, skills of effective social work practice, and effective social work practice with individuals. This course requires 25 hours of service learning.

- three semester hours

- offered in fall semester

•**SWK 320 Practice Methods I: Individuals, Families, Groups**

Prerequisite: SWK 310 (majors only)

This course is a continuation of SWK 310. The course specifically focuses on social work practice with families and groups, with an emphasis on populations at risk. Content areas that are explored include: professional values and ethics, family practice in the social work context, problem-centered family practice, social work practice with groups, and helping clients to negotiate social systems. This course requires 25 hours of service learning.

- three semester hours

- offered in spring semester

•**SWK 330 Social Work Research Methods**

Prerequisites: MAT 102 and CIS 233 and SWK 310 (majors only)

Students will acquire the knowledge and basic skills necessary to evaluate generalist social work practice activities. Students will develop an understanding of factors affecting research results including the political and ethical context of research, the impact of diversity as it affects the research process, and the reporting of social work research.

- three semester hours

- offered in fall semester

•**SWK 351 Social Work and Health/Mental Health Care (SS)**

Prerequisite: SWK 100

This course focuses on individual and family needs in the areas of physical and mental health. Issues of access, quality and cost of care, especially as they affect populations at risk, are explored from a social work context. Topics to be considered include the impact of physical and mental illness on individual and family functioning and the development of individual and family coping mechanisms.

- three semester hours

•**SWK 352 Social Work with the Aging (SS)**

Prerequisite: SWK 100

This course provides an overview of issues in the field of gerontology as well as an introduction to various intervention techniques for working with the elderly. Social service programs and social policies affecting the aged will be examined. (Methods of empowering the aged will be explored.) Appreciation for and empowerment of long-living people will be emphasized. This is a required course for the gerontology minor.

- three semester hours

•**SWK 353 Children's Services (SS)**

Prerequisite: SWK 100

This course provides an overview of the problems, needs and rights of children and their families. Emphasis will be placed on increasing sensitivity to gender, racial and cultural factors that affect the provision of child welfare service to populations at risk. Basic counseling techniques that can be used in empowering children in child welfare settings will also be presented.

- three semester hours

•**SWK 354 Social Work with Alcoholism and Substance Abuse (SS)**

Prerequisite: SWK 100

This course will examine the role of the social worker in the treatment and prevention of alcoholism and substance abuse. Such topics as client assessment, counseling issues and techniques, self-help and recovery, and social policy issues will be examined. The efficacy of preventive efforts with diverse populations will be analyzed.

- three semester hours

•**SWK 405 and 406 Honors Thesis I and II (WI)**

This course allows a social work honors student to engage in substantive research related to the field. The research will conclude in a written thesis or an original project, and an oral defense.

- three semester hours

SWK 420 Practice Methods II: Groups, Organizations, Communities

Prerequisites: SWK 310, SWK 320, co-requisite: SWK 425 and SWK 427 (majors only)

This course focuses on developing the skills necessary for effective generalist social work practice with large groups, organizations and communities. The course teaches the skills of community organizing from an empowerment perspective. Content areas that are explored include: historical goals of community organizing, empowerment and community organizations, mobilization and social action, feminist perspectives on community organizing, and social workers as managers.

- three semester hours

- offered in fall semester

SWK 425 Field Practicum Seminar I (WI)

Prerequisite: SWK 320, co-requisite SWK 427 (majors only)

Students attend a weekly two-hour seminar that integrates the field practicum with the social work curriculum. Students present and analyze their own client cases. Special topics such as brief solution therapy, crisis intervention and policy advocacy will be discussed.

- three semester hours
- offered in fall semester

•SWK 426 Field Practicum Seminar II (WI)

*Prerequisite: SWK 420, SWK 425 and SWK 427;
co-requisite SWK 428 (majors only)*

This course is a continuation of SWK 425. Students attend a weekly two-hour seminar that integrates the field practicum with the social work curriculum. Students present and analyze their own client cases. A variety of topics, such as group techniques, art therapy, treatment of sexual problems, and elements of mediation will be discussed.

- three semester hours
- offered in spring semester

•SWK 427 Field Practicum I

Prerequisite: SWK 320, Co-requisites SWK 420 and SWK 425 (majors only)

Students must complete a field practicum application process. Students spend two full days per week in the fall semester in a community agency working under the supervision of a qualified social work practitioner. Students apply the theoretical social work material learned in classes to real life situations.

- three semester hours
- offered in fall semester

•SWK 428 Field Practicum II

*Prerequisites: SWK 420, SWK 425, SWK 427;
co-requisite SWK 426 (majors only)*

This course is a continuation of SWK 427. Students spend two full days per week during the spring semester in a community agency working under the supervision of a qualified social work practitioner. Students apply the theoretical social work material learned in classes to real life situations.

- three semester hours
- offered in spring semester

•SWK 450 Social Work with Families (SS)

Prerequisites: SWK 100, recommended SWK 310

This course introduces the student to social work methods of working with family dynamics and family counseling. Various aspects of family functioning will be explored with an emphasis on social problems confronting families, issues of ethnic and cultural difference, and efficacy of social work intervention methods and techniques. Ways of supporting and empowering families will be actively examined.

- three semester hours

SWK 493 and 494 Social Work Internship/Co-Op

Prerequisites: SWK 100 and SWK 200

A work-study program providing relevant employment experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Registration is to be arranged through the Chairperson.

- three to six semester hours
- offered in summer

Department of Theater Studies & Fine Arts

Sharon Onevelo Watkinson, Ph.D., Chairperson

Brother Augustine Towey, C.M., Ph.D., Director Emeritus,
The Theatre

www.niagara.edu/theatre

THEATER STUDIES

Mission Statement

As an academic and professional department within the College of Arts and Sciences at Niagara University, the department of theater studies educates and trains theater artists as performers, designers, managers and technicians.

Within a liberal arts context, the department fosters the study of the humanities and the pursuit of academic excellence; at the same time, through a conservatory approach to study and curriculum, it also provides and encourages opportunities for professional training and experience.

Through theater productions chosen from a broad repertoire, the department provides students with vital, hands-on and in-depth experiences which supplement classroom and studio learning. At the same time these programs provide the university community with a diversity of theater experiences; similarly, the department makes these performances available to the local community, focusing where possible especially on young audiences.

Especially mindful of the university's commitment to Roman Catholic and Vincentian values, the department fosters within its students those values, especially as they have reference to the poor, the disadvantaged and the marginal of society.

With the university, the department prepares its students for positions of responsibility in the theater professions and in the broader society.

Department Objectives

Upon successful completion of all courses required for Theatre:

1. Students will demonstrate an understanding of theatre in terms of its history literature, critical developments and popular trends.
2. Students will demonstrate the ability to critically analyze dramatic and literary texts.
3. Students will demonstrate the ability to work collaboratively on theatrical productions.
4. Students will demonstrate the ability to write and communicate at a professional entry-level standard.
5. Students will demonstrate preparedness for entry level positions in theatre or graduate study in their chosen field of specialization.



In addition: Performance Majors:

6. Students will demonstrate entry level skills in all aspects of performance, including acting, dance, voice, physical theatre and combat.

In addition: Design/Technology Majors:

6. Students will demonstrate entry-level skills in design and technical aspects of theatre.

Programs

There are three programs offered by the department of theater studies – the performance sequence, the general theater sequence, and the design and technology sequence, all of which lead to a bachelor of fine arts degree (B.F.A.).

- The performance sequence develops students' abilities and experience in performing and each year includes courses in acting, dance, mime, movement, speech, stage combat, and voice for the musical theater. Upon successful completion of the program, students may pursue careers in the theater or continue their theater studies on the professional or graduate level, in preparation either for careers in performance, or directing, or in education related to the theater.
- The general theater sequence acquaints students with a broad spectrum of theater studies and experience which includes performance, design, technical theater, management and the preparation of productions. Upon successful completion of their studies, general theater students obtain entry-level positions in theater, entertainment management or production; they may also continue theater-related studies for careers in education or in the professional theater.
- The theater design and technology sequence provides students with studio/classroom and hands-on training under the guidance of working professionals. The key aspects of theater design – scenery, costumes, and lighting – are studied. In addition to the logical sequence of course study there are practicums for each student every semester where theory is put into practice. Upon successful completion of their studies, design/technology students may pursue positions in professional theater or advanced training in well-respected graduate programs, in preparation for careers as designers, technicians or in education related to the theater.

All sequences include study of the history, literature and criticism of the theater from its beginning to the present day.

In addition to the academic programs, an integral part of students' training in theatre are the major productions offered in the Leary Theatre and the Niagara University Theatre-at-the-Church, the student-directed one-act plays, the 24 Hour Project, a student produced production and N.U.R.T. (the touring company of the university theatre). Theatre students are required to participate in productions, which are also open to all students of the university.

Study Abroad

Niagara University Theatre offers a unique London, England Study Abroad program that enables students to spend two months living in London and earning 12 semester hours toward their undergraduate degree. Through a special affiliation with Schiller International University, N.U. theatre students study Elizabethan/Jacobean Drama, current British Theatre, Acting and Performance. Also, students complete a directed research project based on their experiences in London and site visitations. Additionally, students attend over a dozen productions in London's West End, Shakespeare's New Globe Theatre, Olivier's National Theatre and Stratford-Upon-Avon.

Schiller's London Campus is located just minutes away from the heart of the theatre district and directly across from Waterloo Station and the banks of the River Thames. Within view and walking distance of the campus are The Houses of Parliament, Westminster Cathedral, Oxford Street, Piccadilly Circus and Buckingham Palace. Students interested in the London Theatre Study Abroad should contact Dr. Sharon Watkinson early in their academic career in order to pre-plan and allow for the Schiller International University experience.

B.F.A. - Theater

Arts & Sciences

		<i>Units</i>
General Education Requirement		20
<i>See General Education</i>		
Foundation Courses		9
Distribution Courses		11
Departmental Core Requirements:		20 or 21
THR 103	Introduction to the Theatre	1
THR 104	Fundamentals of Production	1
THR 362	Dramatic Theory and Criticism	1
THR 400	Shakespeare	1
THR 411, 412	History and Literature of Theatre I and II	2
	Three advised electives	3
Sequences (select one):		
The Performance Sequence		
<i>All students in this sequence complete the following as well:</i>		
THR 101-102	Perform. Theory & Technique I & II	2
THR 201-202	Performance Theory III & IV	2
THR 301-302	Performance Theory V & VI	2
THR 401-402	Performance Theory VII & VIII	2
THR 413	History and Literature of Theatre III	1
THR 414	American Theatre and Drama	1
THR 425	Directing	1
The General Theatre Sequence		
<i>All students in this sequence complete the following as well:</i>		
THR 101-102	Performance Theory & Technique I & II	2
THR 413	History and Literature of Theatre I	1
THR 414	American Theatre and Drama	1
	Two design/technical electives	2
	Two performance electives	2
	Six practicums (one credit each)	2
THR 430	Senior Seminar	1

The Design/Technical Sequence

All students in this sequence complete the following as well:

THR 107	Acting I	1
THR 217	Scene Design	1
THR 228	Theatre Graphics	1
THR 229	Lighting Design	1
THR 241	Costume Design	1
THR 445	Advanced Studio Design	1
Choice of:		1
THR 413	History and Literature of Theatre III or	
THR 414	American Theatre and Drama	
FAA 220	Foundations of Drawing	1
FAA 245	Water Media	1
FAA 344, 345	History of Décor and Fashion I & II	2
	Eight practicums (one credit each)	3

Practicums are required for design and technology students as part of normal course loads and do not affect overload.

THR 011, 012	THR Practicum I, II	(one credit each)
THR 021, 022	THR Practicum III, IV	(one credit each)
THR 031, 032	THR Practicum V, VI	(one credit each)
THR 041, 042	THR Practicum VII, VIII	(one credit each)

Total Program: 40

Admission

Interviews are required, by phone or in person, for incoming theater students. Those students who wish to be considered for a Niagara University Theater Scholarship must also audition. The interviews and auditions may be arranged by writing or telephoning the chairperson, theater studies department, Niagara University, N.Y. 14109.

Minor - Theatre Studies

Coordinator: Sharon Watkinson, Ph.D.

The minor in theatre studies is awarded to a student who has successfully completed a sequence of five courses. This sequence of courses is determined by the student in consultation with the department.

Minor – Design/Technology

Coordinator: Maureen Stevens, M.F.A.

The minor in design/technology is awarded to the student who has successfully completed the following:

THR 103	Introduction to theatre
THR 104	Fundamentals of Production

Two courses from the following:

THR 217, 218, 221, 222, 223, 224, 225, 228, 229, 241, 243, 250, 350, FAA 344, 345

One additional Theatre design/technology elective approved by the minor coordinator.

Three practicums (one credit each)

Minor - Dance

Coordinator: Terri Filips, M.F.A.

The minor in dance is awarded to a student who has successfully completed a sequence of five courses in dance. These must include one in jazz, one in ballet, one in tap and two courses of the student's choice

Suggested class sequence for the Novice dancer who has minimal to no formal training:

THR 113	Intro to Ballet: Novice
THR 230	Intro to Jazz: Novice
THR 211	Beginning Ballet
THR 321	Intro to Tap: Novice
THR 311	Jazz I
THR 409	Advanced Novice Ballet
THR 403	Advanced Jazz I

Suggested class sequence for the Experienced dancer who has extensive formal training from a school or studio:

THR 114	Intro to Ballet: Experienced
THR 231	Intro to Jazz: Experienced
THR 212	Intermediate Ballet
THR 322	Tap II
THR 312	Jazz II
THR 410	Advanced Experienced Ballet
THR 404	Advanced Jazz II

Courses

•indicates courses which cannot be challenged.

THR 011-012 Theater Practicum 021-022, 031-032, 041-042

The practice of theater technology is learned through build, run and design assignments on departmental productions. In essence, the class is a laboratory for theatrical production. The class is restricted to theater design/technology majors and other students who have instructor's permission.

- one semester hour each

THR 101-102 Performance Theory and Techniques I & II

Designed to meet the initial needs of performance students, this introductory course combines a study of theory with laboratory work in acting, dance, movement, and voice. Lab fee.

- eight semester hours

THR 103 Introduction to Theatre (H)

An introduction to the collaborative nature, origin, and general history of the theatre, as well as an examination of the contributions of the producer, director, actor, and design team to the theatrical event. Also presented is an overview of the dominant dramatic forms.

- three semester hours

(Fall term – majors only; spring term – nonmajors)

THR 104 Fundamentals of Production

This course is an introduction to the craft of sets, lighting and costumes for the theatre. It examines the organization of a theatre from the production end and introduces the student to the basic tools, materials, techniques and procedures used in technical theatre.

- three semester hours

THR 107 Acting I

This is an introductory course in the basic external and internal techniques of acting. Emphasis is placed on the experiments of Stanislavski. This course is designed to meet the needs of non-theater students.

-three semester hours
-offered in fall

THR 108 Acting II

Prerequisite: THR 107

This course, a continuation of THR 107, is an introductory course in basic methods and approaches to acting, discussing the techniques of Stanislavski as well as others; monologue and scene work are included as well as the analysis of a complete dramatic text.

-three semester hours
-offered in spring

THR 109-110 Voice I & II

A study of elementary theory to aid music reading and rhythm. Basic singing techniques, including breath control, diction, projection, and phrasing are taught, as well as the basic techniques for musical comedy singing.

- six semester hours

THR 111 Dance and Movement

This course studies the exploration and development of movement, gestures and dance forms common to a basic understanding of dance with emphasis on alignment and basic loco motor patterns. It includes an introduction to improvisation, basic ballroom and tap dance.

-three semester hours
-offered in fall

THR 113 Introduction to Ballet: Novice

This course is designed to teach the fundamentals of ballet technique to students with no prior experience. The class will focus on basic body alignment, strengthening techniques, proper warm up procedures, and basic vocabulary.

-three semester hours
-offered in spring

THR 114 Introduction to Ballet: Experienced

Prerequisite: Previous ballet training in the private sector or THR 113

This course is designed for the dancer with previous ballet training. The class will reinforce the fundamental vocabulary and technique of ballet. It will include body alignment, weight placement, transfer of weight and coordination.

-three semester hours
-offered in spring

•THR 201-202 Performance Theory and Techniques III & IV

Prerequisite: THR 101-102 or the permission of the chairperson.

A continuation of THR 101-102, this course places emphasis on the acting of Shakespearean texts, the study of Shakespearean verse and its techniques, more advanced scene work and characterization study and intermediate work in dance, movement, speech, and combat. Lab fee.

- eight semester hours

THR 205-206 Speech for the Actor I & II

An elementary study of the principles of voice (spoken) production, articulation, diction, rhythmic variety, and projection as they apply to the actor. Additionally, the International Phonetic Alphabet is taught in order to express sounds of accents of foreign languages as well as distinct American regions.

- six semester hours

THR 207-208 Intermediate Acting

Through rehearsal and performance techniques and written assignments, students will work with the dramatic texts of Shakespeare to master the performance of classical material.

-six semester hours

THR 211 Beginning Ballet

Prerequisite: THR 113

This course is designed as a continuation of THR 113 or the less experienced ballet student. Class will focus on basic transfer of weight at barre and center; will work to increase strength and flexibility, coordination of upper and lower body.

-three semester hours
-offered in spring

THR 212 Intermediate Ballet

Prerequisite: THR 114

This course is a continuation of THR 114. It is designed to teach the intermediate level of ballet which includes turning, petite allegro, grand allegro and adagio work. This course is designed to aid in the skills necessary to perform in auditions.

-three semester hours
-offered in spring

THR 215 Unarmed Stage Combat

An introductory course designed to instruct the student in the basic techniques, skills, illusions, and vocabulary of weaponless unarmed stage combat.

-three semester hours
-offered in fall

THR 216 Armed Stage Combat

Prerequisite: THR 215

This is a foundation course designed to instruct students in the performance techniques, skills and illusions of armed Stage Combat. The concepts stress safety and the students will apply these concepts towards creating a high quality theatrical performance through cooperative work.

-three semester hours
-offered in spring

THR 217 Scene Design

An introductory study of designing for the stage and problems of physical production. Written, drawing and painting assignments are required as well as construction of a scale model of a set.

- three semester hours
- offered in fall odd years

THR 218 Theatrical Scenic Painting

This course acquaints the student with the theory, techniques and practical application of theatrical scenic painting. The student will gain hands-on experience by painting projects in and outside of class sessions. Projects include scenic paint representations of bricks, marble, wallpaper, wood grain, cornice molding, drapery, foliage and full scale versions of small scale scenes. Lab fee.

- three semester hours
- offered spring even years

THR 221 Seminar in Theater and Stage Management

An exploration of the basic functions and responsibilities of the stage manager as applied to a variety of theatrical production formats and the roles and responsibilities of the other various management positions in professional theater. The student will gain practical stage management experience in the Annual Festival of Student-Directed One Acts.

- three semester hours
- offered odd years

•THR 222 Practicum in Stage Management

With permission of the chairperson, the student elects to stage manage a major production.

- three semester hours

•THR 223-224 Independent Theatre Project

Under the supervision of a staff member, the student selects a major independent theatre project he or she wishes to develop and complete.

- six semester hours

THR 225 Sound for the Theater

An investigation of the equipment and the techniques used in modern audio practice to improve and reinforce sound in the theater and to create theatrical sound effects.

- three semester hours
- offered fall even years

THR 228 Theater Graphics

This course acquaints the student with the language, techniques and conventions of mechanical drawing as they apply to theater design and technology. Orthographic, isometric and oblique projections, ground plans, sectional drawings, elevations and mechanical perspective are explored in class sessions. Weekly drawing assignments emphasize the development of practical skills.

- three semester hours
- offered in fall even years

THR 229 Lighting Design

An introductory study of the art of lighting for the stage from the initial concept through electricity, instruments, color, plots, and designing for various types of stages.

- three semester hours
- offered in spring odd years

THR 230 Introduction to Jazz Dance: Novice

The art of jazz dance is studied with an emphasis on proper technique and alignment to develop the dynamic and sensitivity of the body to be able to communicate through movement. Specific jazz styles are studied chronologically according to performance trends using basic steps. Students need no previous training.

-three semester hours
-offered in fall

THR 231 Introduction to Jazz Dance: Experienced

Prerequisite: Previous Jazz Dance training in the private sector or THR 230

The art of jazz dance is studied with an emphasis on proper technique, alignment and style to expand the dynamic sensitivity of the body's ability to communicate through movement. Jazz styles are studied chronologically according to performance trends utilizing complex steps and combinations. Previous formal training in jazz dance required.

-three semester hours
-offered in fall

THR 241 Costume Design

Students learn the process of costume design and construction for the theatre. Techniques covered include: script analysis, character conceptualization, research, and basic rendering and construction.

- three semester hours

THR 243 Costume Construction I

This is a studio course in which the student will learn the fundamentals of costume construction through demonstrations and practical applications. Topics include: taking accurate & precise measurements, hand and machine sewing techniques, proper layout and cutting of patterns, basic construction techniques and adjusting commercial patterns to fit their body. Lab fee: \$20

•THR 250 Principles of Make-Up

This is a studio course which acquaints the student with the techniques and practical application of theatrical make-up. The student will be required to design and execute make-up for specific characters in a play.

- three semester hours
-offered fall

•THR 301-302 Performance Theory and Techniques V & VI

Prerequisite: THR 201-202 or the permission of the chairperson

An advanced course in performance techniques designed to allow students greater individual choice in pursuing performance styles and periods, while addressing their individual needs and continuing development of general techniques. Lab fee.

- eight semester hours

•THR 307-308 Advanced Acting

An advanced course in acting styles and techniques, addressing students' individual needs and work in special periods and playwrights.

- six semester hours

•THR 309-310 Voice III & IV

A continuation of THR 109-110 in which more advanced techniques are taught especially in interpretation and phrasing. The integration of music within the musical comedy is emphasized as well as work on duets, trios and ensembles.

- six semester hours

THR 311 Jazz Dance I

Prerequisite: THR 230 or permission of the instructor

This class is geared to the student with some formal experience in jazz dance training. This course engages the dynamic and sensitivity of the body to be able to communicate through movement. Specific jazz styles and choreographic formats are studied using basic steps and challenging combinations. The area of dance choreography is introduced.

-three semester hours
-offered in spring

THR 312 Jazz Dance II

Prerequisite: THR 231 or permission of the instructor

This class is geared to the student with extensive formal experience in jazz dance training. This course challenges the dynamic and sensitivity of the body to be able to communicate through movement. Specific jazz styles and choreographic formats are studied using complex steps and challenging combinations. The area of dance choreography is introduced

-three semester hours
-offered in spring

THR 320 Advanced Stage Combat

Prerequisite: THR 216 and permission of instructor

This course is designed to develop advanced stage combat techniques in the student actor to prepare for professional situations wherein these abilities need to be demonstrated. Students are trained and instructed in the advanced techniques of rapier and dagger, quarterstaff and advanced unarmed techniques.

-three semester hours
-offered in spring

THR 321 Tap I

This course is an introduction to the field of tap dancing, beginning with basic single, double, triple, and quadruple sounds, simple combinations, rhythmic patterning and routines. The material is designed for the novice and the beginning level.

-three semester hours
-offered in fall

THR 322 Tap II

Prerequisite: THR321 or permission of the instructor

This course is an exploration into the field of tap dancing, beginning with single, double, triple, and quadruple sounds, combinations, rhythmic patterning and routines. The material is designed for the intermediate and advanced level.

-three semester hours
-offered in fall

THR 323-324 Mime and Physical Theatre

A study of mask, visual theatre and non-verbal communication with practical skill development and theoretical examination of mask techniques and performance styles including neutral, larval, character and found masks as well as the relation of mask work to puppetry.

- six semester hours

•THR 329 Playwriting

An introductory course in the problems and practices of playwriting. Emphasis is placed on the development and revision of a one-act play. Students also are acquainted with opportunities for production and publication.

- three semester hours

THR 350 Advanced Make-up

Prerequisite: THR 250

Students use readings from Shakespeare and other published plays as a basis for advanced character formation. The design, creation and use of prosthetics, wigs, facial hair, blood and other special effects are used to create realistic and fantastical characters. Lab Fee \$50.

- three semester hours
- offered in spring

THR 362 Dramatic Theory and Criticism (H/WI)

A study of the history and development of dramatic theory and criticism. Tracts and essays from various writers, including Aristotle, Horace, Victor Hugo, August Strindberg, George Bernard Shaw, Bertolt Brecht, Artur Miller, Lorraine Hansberry, Amiri Baraka, Edward Albee and Tony Kushner among others will be studied and discussed.

- three semester hours

THR 400 Shakespeare (H) (also ENG 400)

This course examines in-depth representative plays of Shakespeare in each of the genres: tragedy, comedy, history and romance, as well as the sonnets.

- three semester hours

•THR 401-402 Performance Theory and Techniques VII & VIII

Prerequisite: THR 301-302

An advanced performance course for the senior theatre studies student who is majoring in performance studies. Placing emphasis on the student's imminent entry into the professional theatre, this course combines advanced study of audition techniques, the preparation of audition materials, the business elements of the theatre, advanced acting, dance, mime and physical theatre. Lab fee.

- eight semester hours

THR 403 Advanced Jazz I

Prerequisite: THR 311 or permission of the instructor

This course is designed to develop the advanced jazz dancer through the study of complex dynamic, styles and combinations. Emphasis is placed on techniques and the importance of rhythms, special awareness and projection as means of creating variety in dance. Musical theatre repertory is explored.

-three semester hours
-offered in spring

THR 404 Advanced Jazz II

Prerequisite: THR 312 or permission of the instructor

This course is designed to develop the advanced jazz dancer by continuing a complex study of dynamics, styles and combinations. Emphasis is placed on technique and the importance of rhythms, spatial awareness and projection as means of fine-tuning dance. The area of dance repertory is introduced.

-three semester hours
-offered in spring

•THR 407 and 408 Honors Thesis I and II (WI)

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

THR 409 Advanced Novice Ballet

Prerequisite: THR 211

This course will concentrate on barre exercises in progressive combinations including balances on releve, complex locomotive patterns, turns and jumps. Students will be required to create ballet phrases and demonstrate complex movement.

-three semester hours
-offered in fall

THR 410 Advanced Experienced Ballet

Prerequisite: THR 212

This course is designed for the advanced ballet student. Class will be taught at an accelerated pace. It will include advanced and complex combinations incorporating jumps with turns, beats, partnering techniques and choreographic exploration.

-three semester hours
-offered in fall

THR 411 History and Literature of Theater (H)

A study of the development of dramatic literature and theatrical production, from the Greeks through Oriental theatre to Shakespeare, with emphasis on reading and analyzing representative plays from each period.

- three semester hours

THR 412 History and Literature of Theater II (H)

A study of the development of dramatic literature and theatrical production, from the Italian Renaissance through the 19th century, with emphasis on reading and analyzing representative plays from each period.

- three semester hours

THR 413 History and Literature of Theater III (H)

A study of the development of dramatic literature and theatrical production, from 1879 to the present day, with emphasis on representative British and American plays.

- three semester hours

THR 414 American Theater and Drama: From the Beginnings To Eugene O'Neill (H/WI)

This course examines the development of American theatre, historically and dramatically, from Colonial times to the advent of Eugene O'Neill. The emphasis is on plays from the 18th, 19th and early 20th century theatre.

- three semester hours

THR 417-418 Advanced Period Acting

Prerequisite: THR 307-308

An advanced acting course treating periods and styles including British and American realism and the American theatre. Time is also devoted to on-camera acting, improvisation, discussion and informational sessions regarding the business aspects of the entertainment industry.

- six semester hours

THR 423-424 Mime and Physical Theatre

Prerequisite: THR 323-324

An in depth look into physical theatre and the art of character physicalization through the exploration of classical and modern commedia dell'arte masks, characters, texts and improvisation techniques. Related techniques such as chorus work and prop manipulation will also be studied.

- six semester hours

•**THR 425 Directing**

A study of general directorial problems and solutions: auditions, blocking, pace, rhythm, characterization, composition, picturization, movement, general design. The student also prepares a one-act play from the beginning to actual performance.

- three semester hours

THR 430 Senior Seminar

The senior seminar is an integrative capstone course requiring general theatre students to conduct research on a question or problem in a specific area of theatre. It will be conducted as an independent research effort with each student meeting privately with his or her research adviser. Students will write a senior thesis applying their acquired skills to a central topic, theme or question.

THR 445 Advanced Design Studio

Prerequisites: THR 217, THR 241, THR 229

This independent study serves as the capstone course restricted to seniors in the design/technology sequence. Students will apply the knowledge and skills acquired over the course of their program to further their individual goals. The topics will be determined by the instructors and will vary by student need.

- three semester hours

THR 493, 494, 495, 496 Theatre Internship/Co-op

A junior or senior work-study program providing relevant employment experience. Registration will occur at the beginning of the experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Students interested in taking an internship or co-op should talk to their adviser.

- zero to six semester hours

FINE ARTS

Goals

The program presents courses in the academic study of fine arts and in studio arts. The former stresses the aesthetic and cultural aspects of man's creativity through the ages and the latter stresses the need for individual expression in contemporary terms.

At present there is not a major sequence leading to a degree in fine arts. The courses are available as enrichment toward a broader field of knowledge. A minor in fine arts may be arranged through the chairperson.



Minor in Fine Art

A general fine arts minor is any five courses chosen by the student. An art history minor or a studio arts minor follows a specific sequence of courses and should be arranged through consultation with the chairperson.

Courses

•*indicates courses which cannot be challenged.*

FAA 170 Painting Workshop

This course is a workshop in painting for beginning students. Lectures, course projects, and individual critiques in the studio classroom are provided by the instructor. Students undertake a variety of thematic and stylistic approaches using acrylic paints. Available for reference are art works in the Castellani Art Museum.

- three semester hours

FAA 171 Advanced Painting Workshop

Prerequisite: FAA 170

This course is an intermediate workshop for students who have successfully completed FAA 170. Each student pursues one theme, creating a series of acrylic paintings in the studio classroom under the instructor's supervision.

- three semester hours

FAA 190 Hand Papermaking: History and Art Form (H)

A studio course in the history of hand papermaking and its use as an art form for beginning and advanced students. Lecture, slides, and examination of handmade papers illustrate and explain the history and methods of paper production. Demonstration and hands-on experience facilitate the exploration of the nature and techniques of making paper by hand. Basic vocabulary and art/design principles are stressed.

- three semester hours

FAA 201 19th Century Art (H)

This course deals with the complex art scene following the French Revolution of 1789. Styles examined are neo-classicism, romanticism, realism at mid-century, and impressionism at the close. Students learn about major painters and sculptors while developing visual literacy. Videos, slides, lecture-discussion and museum visiting are included.

- three semester hours

FAA 202 20th Century Art (H)

This course studies the aesthetic and social revolutions of modern art that began in the 19th century but erupted in Fauvism in 1905 Paris. Cubism, Futurism, Dadaism and Surrealism are examined, as well as the art scene in America up to the 1960's. Videos, slides, lecture-discussion and visits to the Castellani Art Museum are included.

- three semester hours

FAA 203 History of Music (H)

A survey of primarily Western music designed to develop understandings of musical practice and its relationship to society and culture throughout history. Works studied will illustrate all the essential musical forms, mediums, structures and styles, from the earliest recorded examples to the present, with emphasis on the development of Sacred, Concert, Popular and Avant-Garde music.

- three semester hours

FAA 205 America's Music (H)

A survey encompassing music made or continuously used by the people of the Americas and United States, from its Native American and Colonial beginnings to the present. Designed to investigate who we are as a culture, what social functions are represented in music and how the musical art has historically developed. The course gives special attention to the development of Jazz, Musical Theatre, Popular and Avant-Garde music as American expressions.

- three semester hours

FAA 207 Women In Art (H)

The lives and works of modern women artists will be studied both critically and in historical context. Gallery visits, lectures by women artists working today and drawing in the manner of those studied will supplement the course.

- three semester hours

FAA 210 Issues in Contemporary Art History (H)

This course examines the changing face of contemporary art, using the achievements of the 20th century as a context for future exploration. Emphasis is placed on how art reflects cultural diversity, technological innovation, and socio-political issues. The course focuses on the collection of 20th century/contemporary art housed at the university's Castellani Art Museum.

- three semester hours

FAA 220 Foundations of Drawing

This course aims to develop skills in drawing the object, still life, figure, and landscape. An introduction to various tools and media encourages the student to explore concepts in line, texture, composition, and design. Creative imaging is exercised in a final drawing project.

- three semester hours

FAA 230 Prehistoric to Gothic Art (H)

This course provides students with fundamental knowledge of the major developments that shaped architecture, painting, sculpture, and the related arts in Western civilization from prehistoric times through the conclusion of the Gothic era.

- three semester hours

FAA 231 14th to 19th Century Art (H)

This course provides students with fundamental knowledge of the major developments that shaped architecture, painting, sculpture, and the related arts in Western civilization from the Renaissance to the 19th century.

- three semester hours

FAA 232 Renaissance Art and Culture (H)

This is a lecture course dealing with the painting, sculpture and architecture of the Renaissance in the fourteenth to the sixteenth century.

- three semester hours

FAA 240 Independent Study in Fine Arts

Under the supervision of a staff member, the student selects a fine arts studio or research project to develop, create, and complete. With the guidance of the appropriate staff person, arrangements are made for planning, developing, and critiquing the project.

- three semester hours

FAA 245 Water Media

This introductory course provides an overview of water media techniques. Students will explore the use of value, texture, color and composition as it pertains to water based media. The course will focus on watercolor painting techniques with references to other water based media and theatrical applications.

- three semester hours

FAA 344 History of Fashion and Décor I (H/WI)

This course is a study of clothing and the decorative arts (architecture, furniture, sculpture, painting). The historical periods from Prehistory to the Baroque and the societies within which they developed will be covered. The student will gain knowledge of the connections between the present and the past in Western culture. *This course is not appropriate for freshmen students.*

- three semester hours

FAA 345 History of Fashion and Décor II (H)

This course is a study of clothing and the decorative arts (architecture, furniture, sculpture, painting). The historical periods from the Baroque to the present and the societies within which they developed will be covered. The student will gain knowledge of the connections between the present and the past in Western culture. *This course is not appropriate for freshmen students.*

- three semester hours

FAA 352 Museum Studies

This course is designed to promote museum appreciation for the non-art major through theory, practice, and participation. Class discussions will focus on the practical functions and social responsibilities of museums. It will also provide students the ability to gain a greater appreciation for museums and how the arts in general fit into our daily lives.

- three semester hours



Women's Studies Minor

Irina Liczek, Ph.D. Political Science, Director
iliczek@niagara.edu

Goals

This program explores aspects of the past, present, and future of women's status in the United States and globally. Our program emphasizes the relevance of a rights based discourse for young college women and men today, while at the same times offering an exciting knowledge base that other academic fields of study can actively incorporate.

Careers

Students, both women and men, can apply the knowledge acquired in this program to careers such as law, policy-making, social welfare, health, counseling, human resources, economic development, education, journalism, literature, art, teaching, communication, or political activism at local, national, and international levels.

Today, virtually all graduate programs and professions require knowledge and considerations of gender issues, so this minor is crucial to students who wish to pursue further academic studies.

Program description

Achieving social justice and overcoming sexism and racism in the USA and globally are the main underlining principles of the women's studies program at Niagara University. Specifically, the program offers courses that address

- the impact of social distinctions based on gender, race, ethnicity, social class, culture, religion, and sexuality on equality among men and women;
- the use of feminist theories as points of intellectual departure and critical inquiry
- the indispensability of gender awareness in their own lives, including an appreciation of diverse ways of understanding the world;
- the possibilities for activism and change at local, national, and global level

The program draws its strength from using an interdisciplinary framework to analyze the historical, economic, political, social, and cultural experiences of women, and from providing critical tools for analytical inquiry into the lives of women through the use of "gender lens," and active integration of students' own experiences and lives.

Minor requirements

The minor requires the completion of five courses, including the introductory course (WMS 200), which discusses issues ranging from the history and politics of women's movement in the USA, women's roles and contributions in political, social, and economic life; combining career and family; the role of media in shaping images of the body and sexuality; women in developing countries, and the role of the United Nations in establishing a global gender framework, including remaining challenges for achieving gender equality in today's globalized world, and areas of activism and agency for social justice.

Course Requirements

WMS 200 Introduction to Women's Studies (H,CD)

This course analyzes the social construction of gender and its relationship to class, race, age, ethnicity, and sexual identity. A wide range of topics are discussed including the following: Systems of privilege and inequality in women's lives; learning gender; sexuality, power, and intimacy; mental health and health issues; women's work; social policy issues; religion and spirituality in women's lives; and activism and social change.

Five women's studies courses are required for an undergraduate minor in women's studies. WMS 200 is required for all minors. In addition, students can select four courses from the following list of offerings:

CMS 360	Special Topics: TV Writing
CMS 363	Stereotyping in Media
ENG 209	Women and Literature in England I
ENG 321	Poetry Writing
ENG 341	Editing and Collaboration
ENG 351	Grant Writing
ENG 410	Topics in American Literature (American Women Writers)
FAA 207	Women in Art
FRE 200	Francophone Women Writers in Translation
FRE 205/206	Advanced Conversational French & Composition
POL 230	Women in Politics
POL 306	Feminist Political Theory
POL 220	Women and the Law
PSY 356	Psychology of Gender Differences (prerequisite PSY 101)
REL 343	Women in Church and Society
SOC 308	Women in Society
SPA 205/206	Advanced Conversational Spanish & Composition
SWK 253	Women's Issues and Social Work Practice (prerequisite SWK 100 or permission of instructor)

A special topics course on a women-related issue, or an internship or co-op with a women-related focus may be substituted for one of the five required courses. Permission of the coordinator of the women's studies minor is required for either substitution.

Writing Studies

Joseph Little, Ph.D., Coordinator
jlittle@niagara.edu
www.niagara.edu/laba

Goals

This course of study offers a survey of writing and communication classes, so students gain experience writing in different contexts: academic, professional, technical, and personal. As a result of these courses, students will acquire a range of research and writing strategies, which they can use effectively in future writing situations. Utilizing the computer labs and media labs on campus, and completing several service-learning projects, students will have multiple opportunities to conduct extensive research and writing projects for real audiences. Students should graduate with a portfolio of different kinds of writing: press releases, business reports, news stories, grant proposals, oral presentation visuals and support materials, web sites, personal essays, academic articles, magazine articles, and video productions, among other genres. This program is meant to prepare students for the kinds of professional writing jobs available in industries such as government, journalism, public relations, advertising, publishing, health care, technology, and the non-profit sector. Additionally, students will have the knowledge and communication skills to pursue graduate study, particularly in professional/technical communication, rhetoric and composition, creative writing, and journalism.

The Program

Students may elect to complete the model major in Writing Studies with the two-discipline track by combining courses in Communications Studies and English, with six courses from one of these fields and five from the other. This, however, is just one model curriculum. Students may also incorporate writing courses from another department to make a three-discipline Liberal Arts major, and thus tailor their curriculum to their own specific interests. In this case students will take five courses from either Communications Studies or English, three in the other, and three in a third discipline. All students will be required to complete the Liberal Arts Seminar (LAM 499 or LAM 403/404). At least two courses beyond the Senior Seminar 499 must be at the 300 or 400 level.

For specific degree requirements unique to the Liberal Arts Program, consult the description of the program in this catalogue.

Communications Studies

CMS 100	Communicating for Social Justice
CMS 120	Media Writing
CMS 220	Informational Video Writing
CMS 221	Writing for Television
CMS 222	Writing for the Web
CMS 224	Freelance and Feature Writing
CMS 226	Specialty Journalism
CMS 335	Investigation and Reporting for the Media
CMS 340	Photography
CMS 345	Video Production
CMS 440	Advanced Photography
CMS 445	Advanced Video Production
CMS 493-496	Internship/Co-op in Communications Studies

English

ENG 221	Creative Writing
ENG 231	Business Communication
ENG 321	Poetry Writing
ENG 341	Editing and Collaboration
ENG 343	Studies in Rhetorical Theory
ENG 345	Science Writing
ENG 346	Visual Rhetoric
ENG 348	Ethnography and Travel Writing
ENG 351	Grant Writing
ENG 355	Teaching Composition
ENG 356	Grammar: Theory and Practice
ENG 431	History and Development of the English Language
ENG 493-496	Internship/Co-op in English



Writing Studies Minor

Joseph Little, Ph.D., Coordinator
jlittle@niagara.edu

Goals

This interdisciplinary writing studies minor fosters students' development as writers and leads to recognition of excellent writing ability. This minor is intended not only to strengthen writing instruction across the disciplines, but also to responsibly prepare students for the steadily increasing number of specialized professional, technical and medical writing positions in governmental agencies, industry and nonprofit organizations. Students who complete courses in this minor will gain experience writing in technologically intensive and collaborative settings.

Program

Students must take the three required courses: Business Communication, to gain exposure to workplace genres and composing processes; Media Writing, to gain exposure to writing for print, broadcast, public relations, and online journalism; and Writing for the Web, to gain experience in writing and designing Web pages. Students are also required to take three additional courses listed below and are strongly encouraged to complete an internship. Students wishing to pursue the program should contact the coordinator, Joseph Little, at 286-8187.

Course Requirements

Core courses (3 units--9 semester hours required)

ENG 231	Business Communication
CMS 120	Media Writing
CMS 222	Writing for the Web

Elective courses (3 units – select any three of the following)

CMS 220	Informational Video Writing
CMS 224	Freelance and Feature Writing
CMS 226	Specialty Journalism
CMS 360	Writing for TV
THR 329	Play Writing
ENG 221	Creative Writing
ENG 321	Advanced Poetry Workshop
ENG 341	Editing and Collaboration
ENG 343	Studies in Rhetoric Theory
ENG 345	Science Writing
ENG 346	Visual Rhetoric
ENG 348	Ethnography and Travel Writing
ENG 351	Grant Writing
ENG 355	Teaching Composition
ENG 356	English Grammar: Theory and Practice
ENG 493-496	Writing Internship or Co-op

Or course approved by coordinator of the writing minor

Units
6





College of Business Administration

Philip Scherer, Ph.D., Interim Dean
www.niagara.edu

Mission

Consistent with the goals of the university, and understanding that wealth generation emanates from business, we seek to prepare our students for productive roles in business and the community through quality teaching at the undergraduate and graduate levels, supported by our scholarly research and service. We are guided in teaching, research and service by the principles of leadership, relevance, ethics, community involvement and professional growth.

Our Guiding Principles

- **Leadership.** We strive to equip students to be successful in the business and world communities by developing their skills in leadership, communication and working with other people.
- **Relevance.** We strive to ensure that course content and delivery is current, relevant and coordinated across disciplines, placing special emphasis on technology and the global marketplace.
- **Ethics.** We strive to provide an ethics-based business education incorporating the altruistic spirit of St. Vincent de Paul.
- **Community Involvement.** We strive to provide opportunities for students and faculty to serve the community and engage in extra-curricular activities and practical interaction with the business community on a regional, national and global scale.
- **Professional Growth.** We strive to promote continuing faculty development that enhances teaching and encourages and rewards intellectual contributions.
- **Program Quality.** Characteristics of the College of Business Administration have a definite bearing on the quality of programs offered and on the educational value created for its students. The degree programs in business are offered through a unit that includes a dean, an assistant to the dean, a chairperson in the area of accounting, and a chairperson in the area of commerce. The majority of courses are taught by full-time faculty; however, there are some courses taught by industry professionals.

All programs in the college are reviewed regularly by faculty. Additionally, input is received from industry practitioners. Mechanisms for maintaining a leading-edge curriculum are built into the management system of the college.

Degree Programs

The College of Business Administration offers two bachelor's degrees, one associate degree, and an M.B.A. program which complements the undergraduate degrees. The bachelor of business administration in accounting (B.B.A.) degree develops the perspective and skills necessary for growth and progress in the profession of accountancy. The B.B.A. program prepares the student for a wide range of employment opportunities including careers in public accounting, industry and finance, government and nonprofit organizations. Many accounting students use their degrees to realize careers in law and financial analysis.

The accounting program leading to the B.B.A. degree is registered with the Division of Professional Education of the New York State Department of Education and qualifies graduates to take the CPA, CMA, CIA and other professional examinations.

The bachelor of science in commerce (B.S.) degree prepares its students for productive roles in private and public sectors. Students may concentrate their studies in economics/finance, human resources, management, marketing, logistics and transportation, international business or general business.

All programs offer to students outside the College of Business Administration the opportunity to select an academic minor to better achieve their educational and career goals.

The M.B.A. program is designed to provide management skills at the middle and strategic level of business. See our Web site: www.niagara.edu/MBA for more details.

The College of Education and the College of Business Administration jointly administer a program leading to a baccalaureate degree in business education for students seeking certification to teach commercial subjects in public or private high schools in New York state. A provisional teaching certificate for secondary grades can be earned at graduation. Interested students should contact the College of Education.

The College of Business Administration offers a two-year associate in applied science in business (A.A.S.) degree for students interested in an introduction to the business world.



College of Business Administration Curriculum

Both baccalaureate degree programs are comprised of a 20-course general education component consisting of liberal arts courses and a 22-course major requirement. The general education component consists of 9 foundation courses and 11 distribution courses. The general education component, specific to Niagara, provides the student with a liberal arts educational experience. The 22-course major provides the business academic education.

These courses are intended to provide the knowledge, values and skills necessary for a student to achieve a successful career in today's complex and challenging business environment. Leadership, relevance, ethics and community involvement are themes which flow through the curriculum; these are derived from the mission and guiding principles of the College of Business Administration.

Internship/Co-op Program

The College of Business Administration provides opportunities for junior and senior students, who have at least 15 semester hours of course work in the College of Business, to acquire pregraduation experience by employment in commerce or industry through our internship/co-op programs. These experiences can be paid or nonpaid and students can receive up to six hours of course credit. Through the years, students have been placed in hundreds of organizations.

Study Abroad

As business competition has been global, the importance of acquainting students with other cultures has become increasingly important. The business school encourages study-abroad activities. Students should discuss the details with their adviser.

Transfer Students

Candidates for admission from other accredited colleges or universities must be in good academic standing in the colleges or universities from which they are transferring, and must have a cumulative grade point average of at least 2.00 on a scale of 4.00. Individual courses can be transferred only if the student has earned a grade of C or better; courses with a grade below a C will not be transferred. Transfer credits cannot be used for courses in the area of concentration. At least 50 percent of the students' business courses must be completed at Niagara University. Courses taken off campus at the lower-division level, but taught within the College of Business on the upper-division level, will be accepted toward the requirements of the core and major only if validated. Validating procedures may include written examination, standardized tests, the successful completion of advanced courses in the subject, and other methods. Grades are not transferred.

Returning Students

A qualified student who returns to the College of Business Administration after an absence of one semester or longer may be readmitted to the college.

Baccalaureate Degree Requirements

The College of Business Administration programs lead to the baccalaureate degree upon satisfactory completion of the following requirements:

- (1) The candidate must successfully complete all designated course work; 126 credit hours and 42 units.
- (2) The candidate must earn a cumulative grade point average of at least 2.0 in the total semester hours required. A grade of D or below cannot be received in the area of concentration.
- (3) The candidate's final 30 semester hours must be earned in residence at Niagara University.
- (4) The candidate has the responsibility of meeting degree requirements in the College of Business Administration. Therefore, the student should be thoroughly familiar with the course requirements and should keep a record of courses completed and semester hours applicable to degree requirement.

Niagara University Family Business Center

The Niagara University Family Business Center was established in 2003. The center is dedicated to serving the needs of family-owned businesses in Western New York and Southern Ontario. Our mission is to develop and exchange relevant information on family-business issues in order to strengthen the stability and long-term viability of family businesses through education, research and service. A sampling of the center's activities include:

- Speakers' series and seminars on family business issues.
- Quarterly newsletters.
- Maintaining a library of family business materials including current research on family business.
- Consulting support for local family owned businesses.
- Support for faculty and student research on family business issues.
- Development of curriculum to enhance student learning in the area of entrepreneurship and family-owned business issues.

Niagara University College of Business Administration joins a network of over 60 colleges and universities who have established a family business center to assist businesses in their geographic area.

Department of Accounting

Alfonso R. Oddo, Chairperson
www.niagara.edu/accounting

Mission

Consistent with the mission of Niagara University and the College of Business Administration, the department of accounting seeks to prepare accounting students to become professional accountants with potential for leadership roles in business, to provide all business students foundation knowledge in accounting, to challenge students to reach their potential, and to develop interest in learning as a lifelong pursuit.

Goals

To help achieve our mission, the following goals have been established:

- (1) To convey a conceptual understanding of accounting and business law and its application to the functional areas of business in the global community.
- (2) To enhance understanding of the interpretation and use of financial information for decisions in a constantly changing business environment.
- (3) To instill an understanding of the ethical responsibilities of professional accountants and the consequences of business decisions.
- (4) To help students develop a sense of professional and personal responsibility by providing opportunities for students to interact with the business community.
- (5) To develop critical thinking, communication, and interpersonal skills.
- (6) To enable students to use technology effectively.

Accounting Degree Options

Currently, students with a four-year bachelor's degree in accounting are qualified for entry-level positions in all areas of the accounting profession, including public accounting, management accounting, government, and not-for-profit organizations. Students are also eligible to sit for professional exams such as the CPA and CMA exams. In addition to the education and exam requirements, two years of professional experience is required for CPA or CMA certification.

Beginning in 2009, New York state will require a five-year degree in accounting as the minimum educational requirement for entry into the public accounting profession. Candidates for the 2009 CPA exam must have a five-year degree in accounting to sit for the exam. Accordingly, students who wish to prepare for a career in public accounting should enter a five-year accounting program no later than 2004 to complete the program by 2009. For students with a five-year degree, the professional experience requirement will be reduced to one year of public accounting experience for the CPA certification.

The five-year requirement applies only to the CPA profession. Students with a four-year degree will still qualify for careers in management accounting, government, and not-for-profit organizations.

To help you achieve your educational objectives, Niagara University offers three accounting degree options: (1) the four-year BBA undergraduate degree in accounting; (2) the five-year BBA/MBA graduate degree in accounting; and (3) the MBA accounting concentration.

(1) Four-year BBA degree

This undergraduate program prepares students for careers in management accounting, government, and not-for-profit organizations. Students are qualified to sit for the CMA exam and other professional exams, but not the CPA exam. Students can be admitted into the program in the freshman year, or may transfer into the program from another college. Two years of professional experience is generally required for professional certification.

(2) BBA/MBA in professional accountancy

This is an integrated 154-hour program in which students earn a BBA degree after 4 years and an MBA degree after 5 years. The program prepares students for careers in public accounting, and is a New York state CPA-150 licensure-qualifying program for the CPA exam. In the first three years of the program students take a common core of accounting, business, and liberal arts courses. Students begin taking some MBA courses in the fourth year of the program, and can complete the BBA/MBA program in one additional year. Students are awarded the BBA degree after completing BBA requirements (usually 4 years), and the MBA degree after completing MBA requirements (one additional year). Only one year of public accounting experience is required for the CPA certification.



(3) *MBA in professional accountancy*

This program is intended for students who complete an undergraduate degree in a field other than accounting, and who wish to qualify for the CPA exam. The program leads to the MBA in professional accountancy, and is a New York state CPA-150 licensure-qualifying program for the CPA exam. The typical program is 33 semester hours for students with an undergraduate business degree, and up to 51 semester hours for students with a non-business undergraduate degree. Only one year of public accounting experience is required for the CPA certification. The MBA in professional accountancy is also appropriate for students with an undergraduate degree in accounting who wish to pursue an MBA degree to qualify for the 150-hour program requirement in New York State.

Advisement

Please consult your academic adviser for assistance in preparing for the program you want. Students interested in the five-year BBA/MBA degree begin taking some MBA courses in the fourth year of the program, and usually can complete the BBA/MBA program in one additional year.

Center for International Accounting Education and Research

The Center for International Accounting and Research provides resources and facilities for education and research in international accounting. Strategically located on the border of the United States and Canada near the world-famous Niagara Falls, Niagara University is at the hub of the Niagara Frontier's international business community. A sampling of the center's activities include:

- Development of international accounting education at the graduate and undergraduate levels.
- Development of specialized teaching materials for accounting students in a visual learning environment. Faculty development seminars on internationalization of the accounting curriculum.
- International speakers' series and seminars on international accounting issues.
- International accounting round table: meetings of international accounting executives to discuss topics of critical importance to their firms.
- Help small and medium-sized businesses move into the global marketplace.
- International programs and research for increasing global competitiveness of the Niagara Frontier region.

B.B.A. Accounting

Business Administration

		<i>Units</i>
Liberal Arts Requirements		20
<i>See General Education</i>		
Foundation Courses		9
Distribution Courses		11
	Natural sciences	1
	Social sciences	1
	Humanities	1
	Cultural diversity	1
MAT 107	Business Calculus	1
ENG 231	Business Communication	1
CIS 232	Microcomputer Applications for Business I	1
MAT 201	Business Statistics I	1
	Free electives	3
Major Requirement		22
Business Core Courses		10
BUS 120	Introduction to Business	1
ACC 111	Financial Accounting	1
ACC 112	Management Accounting	1
ECO 101	Principles of Macroeconomics	1
ECO 102	Principles of Microeconomics	1
BUS 231	Business Statistics 2	1
FIN 320	Managerial Finance	1
MGT 271	Management Principles	1
MGT 390	Management Information Systems	1
BUS 460	Business Strategy and Policy	1
Major Courses		12
LAW 101	Business Law I	1
LAW 102	Business Law II	1
ACC 223	Intermediate Accounting I	1
ACC 224	Intermediate Accounting II	1
ACC 335	Cost Management Systems	1
ACC 336	Advanced Accounting	1
ACC 346	Auditing	1
ACC 347	Taxation	1
ACC 366	Accounting for Governmental and Not-for-Profit Entities	1
ACC 495	Accounting Co-op/Internship	1
	Finance elective	1
	Accounting/Business elective	1

Total Program

42

NOTE: Transfer credits cannot be accepted from two-year institutions for ACC 336, ACC 346 and ACC 347.



BBA/MBA in Professional Accountancy

Business Administration

	<i>Units</i>
Liberal Arts Requirements	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Natural sciences	1
Social sciences	1
Humanities	1
Cultural diversity	1
MAT 107 Business Calculus	1
ENG 231 Business Communication	1
CIS 232 Microcomputer Applications for Business I	1
MAT 201 Business Statistics I	1
Free electives	3
Major Requirement	31
Business Core Courses	9
BUS 120 Introduction to Business	1
ACC 111 Financial Accounting	1
ACC 112 Management Accounting	1
ECO 101 Principles of Macroeconomics	1
ECO 102 Principles of Microeconomics	1
BUS 231 Business Statistics 2	1
MGT 271 Management Principles	1
MGT 390 Management Information Systems	1
BUS 460 Business Strategy and Policy	1
Major Courses	11
LAW 101 Business Law I	1
LAW 102 Business Law II	1
ACC 223 Intermediate Accounting I	1
ACC 224 Intermediate Accounting II	1
ACC 335 Cost Management Systems	1
ACC 336 Advanced Accounting	1
ACC 346 Auditing	1
ACC 347 Taxation	1
ACC 366 Accounting for Governmental and Not-for-Profit Entities	1
ACC 495 Accounting Co-op/Internship Accounting/Business Elective	1
MBA Courses	11
ACC 601 Strategic Accounting Analysis	1
ACC 602 Advanced Business Tax Strategy	1
ACC 603 Advanced Accounting Theory	1
ACC 604 Advanced Auditing	1
FIN 641 Corporate Financial Policy I	1
FIN 600 Finance Elective	1
MGT 611 Advanced Quantitative Methods	1
MGT 651 Strategic MIS	1
MGT 670 People in Organizations	1
MKG 631 Strategic Marketing	1
MGT 691 Business Research, Strategy, and Planning	1

Total Program

51

NOTE: Transfer credits cannot be accepted from two-year institutions for ACC 336, 346 and 347.

Minor - Accounting

	<i>Units</i>
ACC 111 Financial Accounting	1
ACC 112 Managerial Accounting	1
ACC 223 Intermediate Accounting I	1
ACC 335 Cost Management Systems	1
ACC 347 Taxation	1
Accounting elective	1

Minor - Fraud Examination & Economic Crime

The minor is an interdisciplinary program to introduce students to fraud examination and economic crime integrating accounting, computer, and criminal justice issues.

Prerequisites

ACC 111	Financial accounting
ACC 112	Management accounting
ECO 102	Principles of Microeconomics
CIS 232	Microcomputer applications for business

Minor Requirement

	<i>Units</i>
CRJ 201 Introduction to Criminal Justice	1
CIS 380 Data Management	1
CIS 332 Advanced Microcomputer Applications for Business <i>or</i>	
CIS 480 Management of Computer Information Systems	1
CRJ 315 Organizational Crime	1
ACC 346 Auditing	1
ACC 340 Fraud Examination and Economic Crime (cross listed with CIS 340 and CRJ 340)	1

Courses

•indicates courses which cannot be challenged.

These courses can be taken by all students. ACC 111 and ACC 112 can be taken to fulfill the analytical skills (AS) distribution requirements in the general education component, and LAW 101 or LAW 102 can be taken to fulfill the social science (SS) distribution requirement in the general education component. ACC 346 and ACC 350 are writing intensive (WI) courses. Honors sections may be offered for some courses.

ACC 111 Financial Accounting (AS)

This is an introductory course which views accounting as a source of information and a tool for effective decision making. The course provides a basic understanding of the concepts of financial accounting and includes analysis and interpretation of financial reports with emphasis on their use by external parties such as stockholders and creditors. Computer/Internet applications included.

- three semester hours

ACC 112 Management Accounting (AS)

This introductory course focuses on accounting information as a tool for effective decision making within an organization. The course provides a basic understanding of the procedures of management accounting as a means of identifying management problems and evaluating potential solutions. It emphasizes a multi-disciplinary approach to the use of management reports by managers inside the business organization. Computer/Internet applications included.

- three semester hours

ACC 223-224 Intermediate Accounting I and II

Prerequisite: ACC 112, or equivalent

A comprehensive study of the preparation and use of financial reports for business decisions and the role of accounting standards in the international business community. Activities that may be included in the course are ethical issues in business decisions, financial information on the Internet, research papers, group projects, class presentations, and computer spreadsheets.

- six semester hours

- ACC 223 offered in fall semesters, ACC 224 offered in spring semesters

ACC 314 Contemporary Issues in Accounting

A course involving case studies of current issues in accounting. Topics may include any area relating to accounting such as financial accounting and reporting issues, auditing, fraud, ethical issues, international accounting, government and not-for-profit accounting, legal issues, taxation, management accounting, and strategic accounting.

- variable

- minimum one semester hour

ACC 335 Cost Management Systems

Prerequisite: ACC 112

A study of the design and use of modern cost management systems. Topics include product costing, activity-based costing and management, profit planning, performance measurement, and strategic decision making and control. Computer applications, a writing component, and group projects included.

- three semester hours

- offered in fall semesters

•ACC 336 Advanced Accounting

Prerequisite: ACC 224

A study of the special accounting information needs of the various forms of accounting entities, whether large or small, public or private, profit or nonprofit. Topics include business combinations, multinational corporations, segment reporting, partnership accounting, bankruptcy, and estates and trusts. Computer applications included.

- three semester hours

- offered in fall semesters

ACC 340 Fraud Examination and Economic Crime

This course examines forensic accounting and economic crime, integrating accounting, criminal justice and computer and information systems concepts and issues. The course includes limited accounting theory and concentrates on financial fraud, white-collar crime, how financial fraud is perpetrated, approaches to fraud investigation and documentation, and fraud detection and prevention.

- three semester hours

Cross listed with CIS 340 and CRJ 340

•ACC 346 Auditing (WI)

Prerequisite: ACC 224

A study of the theory and practice of auditing. The primary focus is on audits of the financial statements performed by independent accountants. Auditing integrates accounting standards and practices, legal liability for public accountants, and ethical expectations as prescribed in the AICPA Code of Professional Conduct, culminating in the examination of audit evidence and preparation of the auditor's report. Although ACC 224 is the prerequisite, students are advised to take auditing in their senior year. Computer applications, a writing component, and group projects included.

- three semester hours

- offered in spring semesters

•ACC 347 Taxation

Prerequisite: ACC 112 and junior status

A conceptual study of United States federal income taxation. The current income tax code as it relates to individuals, corporations, partnerships, and other taxable entities is introduced. Practical tax problems are reviewed to demonstrate the proper application of the tax code, and current issues in tax accounting and tax planning are considered. Computer applications included.

- three semester hours

- offered in fall semesters

ACC 350 International Accounting (WI)

Prerequisite: ACC 112

The growth of international business has influenced the way business and accounting are conducted in every country. This course prepares students to operate more effectively in a global business environment. Students will develop a sensitivity to the diversity of accounting standards and reporting practices in the global business community. Group projects, research paper, and case discussions included. Recommended for all students interested in international business.

- three semester hours

ACC 366 Accounting for Governmental and Not-for-profit Entities

Prerequisite: ACC 112 and junior status

A study of the special features of accounting and financial reporting for governmental and not-for-profit entities including state and local governments, health care entities, universities and colleges, public schools, voluntary health and welfare organizations, and other not-for-profit entities.

- three semester hours

- offered in spring semesters

•ACC 403 and 404 Honors Thesis I and II

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

•ACC 493, 495 and 496 Accounting Co-op/Internship

A junior or senior work-study program providing relevant employment experience. The objective of the program is to integrate classroom theory and practical, work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunity. (Transfer students must complete a minimum of 15 semester hours in the major at Niagara University before enrollment. Registration is to be arranged through the chairperson.)

- zero to six semester hours

LAW 101 Business Law I (SS)

An introduction to general legal principles, methods, and objectives, with particular emphasis on the rules that govern commercial dealings. Topics include an introduction to law, torts, contracts, sales, and property. While the scope of coverage takes into account the needs of students majoring in accounting, the business law sequence is recommended to all students, especially to those contemplating careers in law.

- three semester hours

- offered in fall semesters

LAW 102 Business Law II (SS)

A continuation of the examination of legal principles governing commercial dealings. Topics include secured transactions, bankruptcy, commercial paper, agency, partnerships, and corporations. While the scope of coverage takes into account the needs of students majoring in accounting, the business law sequence is recommended to all students, especially to those contemplating careers in law.

- three semester hours

- offered in spring semesters

Associate Degree in Business

Philip Scherer, Ph.D.

Interim Dean, College of Business Administration

www.niagara.edu/business

(See department of accounting and department of commerce for course offerings)

Goals

The College of Business Administration offers a two-year associate in applied science (A.A.S.) degree for persons interested in an introduction to the business world.

Courses are selected in consultation with an adviser to assist the student's pursuit of personal educational goals within business and to ensure a minimum level of competency in a business functional area.

A.A.S. - Business Administration

		<i>Units</i>
General Education Requirement		11
	Humanities Elective	1
MAT 107	Business Calculus I	1
PHI 206	Ethics	1
	Religious studies (100 level)	1
WRT 100	Writing and Thinking	1
ENG 100	Introduction to Literature	1
	Social sciences elective	1
HIS 199	U.S.A. in Contemp. World	1
	Natural sciences elective	1
	Diversity elective	1
CIS 232	Introduction to Computer Applications	1
Major Requirement		10
ACC 111-112	Accounting Principles I, II	2
ECO 101-102	Elementary Economics	2
ECO 250 or FIN 350 or 320	Money and Fin. Insti.; or Security Analysis, Finance	1
BUS 205	Legal Environment	1
MGT 271	Management Principles	1
MKG 201	Principles of Marketing	1
	Approved business electives	2

Total Program: **21**

Transfer credit into this degree cannot exceed five units (15 semester hours).
Credits earned in this program may be applied to a bachelor's degree program.

Business Education

Alfonso R. Oddo, M.B.A., C.P.A., Business Adviser

www.niagara.edu/business

Goals

The College of Business Administration, in cooperation with the College of Education, offers a bachelor of science (B.S.) degree in business education with professional teacher certification for students wishing to qualify for a provisional teaching certificate for secondary grades.

B.S. - Business Education Education

With teacher certification, secondary grades

		<i>Units</i>
General Education Requirement		20
	<i>See General Education</i>	
	Foundation courses	9
	Distribution courses	11
EDU 214	Cultural & Multicultural Foundations	1
EDU 236	Human Learning, Development & Motivation	1
EDU 239	Students with Exceptional Needs	1
MAT 201	Business Statistics (analytical skills)	1
	Analytical/skills course	1
	Language course (analytical skills)	1
	Diversity course	1
	Natural science course	1
	Humanities course	1
	Free electives	2
Education courses		9
EDU 271	Foundations of Literacy Instruction	1
EDU 377	Literacy Development	1
EDU 452	Mid.Child. Phil. and Practice	1
EDU 460	Methods of Teaching in Secondary Education	1
EDU 466	Methods of Teaching Business	1
EDU 486	Student Teaching of Business	3
EDU 490	Professional Seminar in Secondary Education	1
Business courses:		12
ACC 111	Financial Accounting	1
ACC 112	Management Accounting	1
BUS 120	Introduction to Business	1
BUS 205	The Legal Environment of Business	1
CIS 232	Microcomputer Applications for Business I	1
ECO 101	Principles of Macroeconomics	1
ECO 102	Principles of Microeconomics	1
MGT 271	Management Principles	1
MGT 390	Management Information Systems	1
MKG 201	Principles of Marketing	1
FIN 320	Managerial Finance	1
	Business elective	1

Total Program **41**

Department of Commerce

Concentrations:

Economics and Finance
Marketing
Management
Supply Chain Management
Human Resource Management
International Business
General Business

Daniel Tompkins, Ph.D., Chairperson
www.niagara.edu/business

Mission

Consistent with the mission of Niagara University and the College of Business Administration, the department of commerce seeks to prepare students for successful management and leadership roles in business. The commerce department provides a broadly based academic foundation as well as discipline specific knowledge, values, and skills necessary for beginning a business career upon graduation.

Goals

To help achieve our mission, the following goals have been established:

(1) Knowledge

To maintain the integrity of an integrated management and economics curriculum while ensuring relevancy for a changing business environment.

To provide students with a current body of knowledge and expertise in their area of career preparation, through the use of concentration courses.

(2) Values

To challenge students to develop an ethical base for management conduct, and to help them understand the impact of their actions on business and the larger community.

To provide students with an appreciation of practical business applications and an awareness of the current competitive business environment through the use of internships, outside speakers, service-learning, study-abroad, and other innovative methods.

(3) Skills

To prepare students for future career success by encouraging them to develop necessary tools and skills, including written and oral communication skills, an ability to work with others, leadership qualities, and a capability to creatively solve problems.

To provide a learning atmosphere that emphasizes information technology and develops computer and technical skills.

B.S. - Commerce Business Administration

	<i>Units</i>
General Education Requirement	20
<i>See General Education</i>	
Foundation Courses	9
Distribution Courses	11
Natural sciences	1
Social sciences	1
Humanities	1
Cultural diversity	1
MAT 107 Business Calculus I*	1
CIS 232 Intro to Computer Appl.	1
MAT 201 Business Statistics I	1
Free electives	4
<i>*For students interested in going to graduate school, MATH 111 and Math 112 are recommended.</i>	
Major Requirements	22
College of Business Core	8
ACC 111 Financial Accounting	1
ACC 112 Managerial Accounting	1
ECO 101 Macro Principles	1
ECO 102 Micro Principles	1
MGT 271 Management Principles	1
FIN 320 Managerial Finance	1
MGT 390 Operations and MIS	1
BUS 460 Business Strategy & Policy	1
Department of Commerce Core	5
BUS 205 Legal Environment of Business	1
BUS 231 Mgt Statistical Decisions	1
MKG 201 Marketing Principles	1
ECO 250 Money & Fin. Institutions	1
MGT 341 Human Resource Management	1
Department Concentration	5
Student choice in consultation with adviser	
Department electives	4
Total Program:	42

Five-Year B.S./M.B.A. degree

Please consult your academic adviser for assistance in preparing for the five-year B.S./M.B.A. program. Students interested in this degree should speak to the Niagara University MBA Director and also discuss plans with their academic adviser during the third year of their undergraduate program. If eligible to be accepted into the M.B.A. program, students typically begin taking some M.B.A. courses in the fourth year and can usually complete the B.S./M.B.A. program in five years.

Minor in Commerce

Any student at Niagara University may choose a minor in commerce. A minor is considered an additional set of course work, and may be chosen from any one of the discipline concentrations (economics and finance, human resources, international business, supply chain, management, or marketing) or the general business concentration as specified. The minor can also be specifically designed to fit the student's needs, but this must be done with the approval of the commerce chairperson and the chairperson of the student's academic home. Minors are not approved for course work which is taken entirely as part of another field of study. Quite often minors are achieved with careful use of one's elective courses.

General Business Minor

		<i>Units</i>
Total		6
ECO 101	Macro Principles	1
ECO 102	Micro Principles	1
ACC 111	Financial Accounting	1
BUS 205	Legal Environment of Business	1
MKG 201	Marketing Principles	1
MGT 271	Management Principles	1

Concentration

Every student in commerce must select an area of concentration no later than the beginning of their junior year. A grade of C (2.0) or better must be earned in each of the student's concentration courses. Faculty advisement is important in the selection of a concentration and the proper sequencing of concentration courses. Students may also choose to pursue a double-concentration (example: Management-Marketing), but the faculty adviser should be consulted and the student should fully understand the tradeoffs involved. For example, a double concentration will normally preclude a student from using a business internship for credit. There are six areas of concentration as listed below:

Economics (ECO) and Finance (FIN)

Economics is a social science with a wide range of applications for business and public administration. It includes, but is not limited to, the behavior of the consumer, the pricing and output decisions of the firm, and policy considerations of the government. It provides a general overview for those students intending to go into private or public life and can be particularly helpful in developing critical thinking skills.

Finance examines how people make decisions about allocating scarce resources over time. Through the study of the risks and timing of benefits and costs it determines value. The main areas of finance are financial management, investment, and financial markets and institutions. Financial management focuses on how organizations can best obtain and use funds to create value. Investment studies financial transactions from the view point of those that are outside of an organization but provide funds to organizations. Financial markets and institutions are the channels for moving funds between investors and organizations. Finance provides skills that are useful to a person in his or her personal and professional life.

Marketing (MKG)

All organizations, from product producers to services, must practice marketing in order to be successful in a highly competitive and global economy. Customer orientation is central to the theme of marketing along with the social nature of marketing such as ethics, product safety and corporate responsibility. The field of marketing is an interdisciplinary one drawing from all business areas and many liberal arts disciplines. Because of this interdisciplinary nature, marketing can accommodate most students' interests and strengths.

Management (MGT)

This concentration is designed to be a balanced and flexible choice for students who anticipate becoming managers in a variety of enterprises, from large global firms to small family businesses. To be successful, managers must have knowledge and skills in four key business areas: people and organizations, business operations, marketing, and money (finance). Management students are taught to be team builders and problem solvers in order to successfully tackle the challenges that face today's business organizations.

Supply Chain Management

(321-329 series MGT courses)

(Formerly Logistics and Transportation).

The business discipline of supply chain management (SCM) represents the integration of logistics, distribution, and purchasing. Within the U.S., supply chain professionals manage over one trillion dollars of logistics costs involved with freight transportation, warehousing, and inventory holding costs. In today's global economy, the efficient and timely coordination of worldwide supply chains is critical to business success. Jobs are available with shippers (i.e. logistics planner, warehouse manager), transportation companies (i.e. trucking and railroad operations), and intermediaries such as customs brokers and logistics management firms.

Human Resource Management

(341-349 series MGT courses)

Human resource management (HRM) focuses on the management of people and structuring of organizations to be effective and rewarding places to work. This course of study employs experiential learning methodology to provide students hands-on experience in solving human resource problems. In order to develop the people skills necessary to be successful in today's predominantly service economy, courses are designed to be relevant, contemporary, ethical, and practical. The HRM concentration focuses on the core practices of work analysis, strategic planning, recruitment & selection, training & development, performance management, compensation, employee relations, and legal compliance within a competitive global environment. Students pursuing this career path accept the challenge of becoming ethical, strategic decision makers who influence the overall internal dynamics of their organizations.

International Business

The concentration focuses on developing appreciation and understanding of the evolving global economic and business systems as a set of institutional arrangements used to allocate scarce resources in different national and nation blocks. Individual courses analyze ownership issues, information mechanisms, levels of decision-making authority, and incentive arrangements. The overarching consideration is that culture and history have influenced all these institutional arrangements.

General Business

This concentration is reserved for students who have special circumstances regarding scheduling, transfer credits, or academic performance, or cannot otherwise complete any of the six concentrations above, but have the credits and other course requirements necessary to complete the Commerce degree. Rather than choose general business, students are encouraged to choose a concentration from the six above so that they can identify with a focused area of business study and utilize the advisement of faculty members in these areas.

Required Courses by Concentration

As detailed in previous pages, the Commerce student takes 20 general education courses, eight College of Business core courses and five required Commerce courses. Listed below are the five courses required for each concentration. Additionally, the commerce student has four business electives, which may be taken from other courses offered in the business school, including business internships. The concentration requirements are found below.

Economics and Finance

- ECO 305 Intermediate Microeconomics
- ECO 306 Intermediate Macroeconomics
- FIN 360 Global Finance and Economics

Any two:

- ECO 330 Economics of Government
- ECO 350 Economics of Growth and Development
- FIN 340 Advanced Managerial Finance
- FIN 350 Security Analysis and Portfolio Management

Marketing

- MKG 305 Integrated Marketing Communications
- MKG 310 Channels Management
- MKG 311 Marketing Research
- MKG 313 Consumer Behavior
- MKG 325 International Marketing

Management

- MGT 321 Supply Chain Logistics OR MGT 323 Production & Quality
- MKG 305 Integrated Marketing Communications OR MKG 335 Sales
- Any other three MGT courses not otherwise required. (also ECO 305)

Supply Chain Management

- MGT 321 Supply Chain Logistics and

Any Four:

- MGT 322 Procurement and Supplier Management
- MGT 323 Production and Quality
- MGT 324 Transportation Systems and Simulation
- MGT 327 Global Supply Chain
- MGT 328 Logistics Technology and Cases

Human Resource Management

- MGT 342 Staffing and Development
- MGT 343 Reward Systems and Performance
- MGT 344 Employment Law and Human Resource Policies

Any two:

- MGT 315 Leadership and Teamwork
- MGT 316 Conflict management and Negotiations
- MGT 317 International Management
- MGT 461 Classics in Leadership

International Business

- MGT 317 International Management
- MKG 325 International Marketing
- FIN 360 Global Finance and Economics
- MGT 327 Global Supply Chain
- Foreign Language or Advised Elective

Centers of Excellence:

A resource for students concentrating in management or marketing is the Niagara University Family Business Center, established in 2003. The Center is dedicated to serving the needs of family and privately owned businesses in Western New York and Southern Ontario through the exchange of knowledge in a variety of management, legal and business development issues. The Center provides students with opportunities to attend its seminars, network with area business owners, and internship/co-ops. For more information, see www.niagara.edu/fbc.

Complementing the SCM concentration is the Niagara University Center for Supply Chain Excellence (NUCSCE), an academic–professional partnership established in the year 2000. The center conducts regular training programs in SCM for the regional business community and provides opportunities for students to interact with professionals in the SCM field. For more information, go to www.niagara.edu/supplychain.

Courses

•indicates courses which cannot be challenged.

The following courses are offered regularly by the Commerce Department:

BUS 119 The World of Business (Business for non-majors)(SS)

Course open to all students not enrolled in the College of Business.

Designed for non-business majors, this course will allow students to understand what drives market-based economies, the fundamentals of business management, and critical information about personal finance. Specific topics include U.S. and global business overviews, entrepreneurship, general management skills, marketing, managing people, quality, understanding basic financial statements, personal budgeting, the stock market, and insurance.

- three semester hours

BUS 120 Introduction to Business

Course open to Freshman only

This course is designed as an introduction to business for first year business students. Major topics include the competitive global business environment, successful firms and business leaders, business ethics, leadership and team skills, and an overview of the functional management areas of business and related career opportunities.

- three semester hours

- fall semester only

BUS 205 The Legal Environment of Business (SS)

The course presents an overview of the obligations and restraints imposed by law on businesses, as well as the rights and opportunities which are conferred. Students will gain insights into the legal environment in which businesses operate, and the application of legal rules to resolve different issues.

- three semester hours

BUS 230/MAT 201 Business Statistics I

Prerequisite: CIS 232. MAT 107 is suggested as a co-requisite

A completely integrated computer-based course in which computer applications are used to study statistical methods as applied to business, including descriptive statistics, probability sampling, hypothesis testing and statistical inference. Students may not receive credit in both MAT 102 and MAT 201.

- three semester hours

BUS 231 Business Statistics II

Prerequisite: MAT 201

This course introduces the student to those statistical models and methods that are used in a business environment to assist in making effective decisions. It includes, but is not limited to, time series analysis, regression, Chi-square, nonparametric statistics and ANOVA.

- three semester hours

•BUS 400 Executive in Residence

Open to seniors only - by permission of the instructor

Business executives from different industries will address students on various current issues in business. All functional areas are included, e.g. production, marketing, and finance.

- three semester hours

•BUS 403 and 404 Honors Thesis I and II

Individual research of a substantive nature pursued in the student's major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- six semester hours

•BUS 460 Business Strategy and Policy Problems (SS/WI)

Course open to seniors only

A capstone course designed to provide the business student with a foundation in the concepts of business strategy and policies. The course will focus on how firms formulate, implement, and evaluate strategies. Students will be required to integrate the knowledge that they have acquired in previous business courses with strategic management techniques.

- three semester hours

- offered in fall and spring semesters

•BUS 493, 495 and 496 Business Internship/Co-op

A junior or senior work-study program providing relevant employment experience. The objective of the program is to integrate classroom theory and practical work experience, thus lending relevancy to learning and providing the student with a realistic exposure to career opportunities. Transfer students must complete a minimum of 15 semester hours in the major at Niagara University before enrollment. Registration is to be arranged through the chairperson.

-zero to six semester hours

ECO 100 Introduction to Economics (SS)

For non-college of business majors

A course of study introducing students to the foundations of western economics, examining the basic framework of micro and macro economics and applying economics to current issues facing individuals and society.

- three semester hours

- offered spring semester

ECO 101 Principles of Macroeconomics (SS)

A study of the behavior of economic aggregates including national income, consumption, investment, foreign trade, the demand for and supply of money and government policy efforts to influence these aggregates to meet national goals.

- three semester hours

- offered fall semester

ECO 102 Principles of Microeconomics (SS)

A study of consumer and producer behavior in the determination of prices and output, wages and productivity, profit and market structure.

- three semester hours

- offered spring semester

**ECO 110-111 American Economic Life (SS)
(Also HIS 351-352)**

Growth and development of American economy under a free enterprise philosophy; examination of conditions which led to governmental intervention. Second semester stresses 20th century problems.

- three semester hours

ECO 250 Money and Financial Markets (SS)

Prerequisite: ECO 101-102

This course covers the nature and functions of money, financial markets and institutions, commercial banking and other financial intermediaries, monetary theory and policy, and the role of the Federal Reserve.

- three semester hours

ECO 305 Intermediate Microeconomics (SS)

Prerequisite: ECO 101-102

An in-depth examination of theory of consumer behavior, production cost, the pricing of goods and factors, markets and economic welfare.

- three semester hours

- offered spring semester

ECO 306 Intermediate Macroeconomics (SS)

Prerequisite: ECO 101-102

A study of classical, keynesian and monetarist models as these pertain to aggregate behavior in the achievement of society's economic goals.

- three semester hours

- offered spring semester

ECO 330 Economics of Government (SS)

Prerequisite: ECO 305

Allocation, distribution, and stabilization aspects of government budget policy, including critical analysis of theories and principles of taxation, expenditures, and intergovernment fiscal relations.

- three semester hours

- offered spring semester

ECO 350 Economics of Growth and Development (SS)

Prerequisite: ECO 101-102

A study of the growth of national income (i.e., *economic growth*) and changes in the technical and institutional arrangements by which it is produced (i.e., *economic development*). The main focus of the course rests on the non-Western third world countries.

- three semester hours

- offered fall semester

FIN 151 Personal Finance

A course designed for nonbusiness majors. The course material serves as a guide to personal financial planning – a practical approach to managing money. An overview of basic accounting, borrowing money, budgeting, investing in securities, buying real estate and estate planning are among the major topics to be considered.

- three semester hours

- offered fall semester

FIN 320 Managerial Finance

Prerequisites: ACC 111-112, ECO 101-102, MAT 107

The role of financial planning and the acquisition and utilization of funds are stressed along with the analytical concepts for evaluating financial decisions. Topics include financial analysis, long term financial planning, valuation of future cash flows, capital budgeting, and risk and return.

- three semester hours

FIN 340 Advanced Managerial Finance

Prerequisite: FIN 320

A continuation of the methodology developed in FIN 320. Actual financial problems confronting business concerns are analyzed. Case method is used to apply principles developed in managerial finance to situations involving administration of the valuation of future cash flows, risk and return, options, dividends, short and long-term financing, new public offerings, and the cost of capital.

- three semester hours

FIN 350 Security Analysis and Portfolio Management

Prerequisite: FIN 320

This course integrates both traditional lecture and textbook learning with a hands-on interactive stock trading portfolio simulation to cover corporate performance and its effects on outstanding securities. Economic management and corporate financial factors are discussed as they affect specific security issues. The theories and techniques to achieve superior selection and management of securities portfolios will be studied and problems of timing and strategies as they relate to various economic conditions.

- three semester hours

FIN 360 Global Finance and Economics

Prerequisite: ECO 101-102

The study of the balance of payments, determination of exchange rates and parity relationships, and management of exchange rate risks, capital budgeting, working capital management and investments in a global environment.

- three semester hours

- offered fall semester

MGT 271 Management Principles (SS)

Prerequisite: Sophomore standing or permission of instructor

Theories and practices of management and organizations are studied, with a major focus on planning, organizing, leading, and controlling. General topics include goals and strategy formulation, decision making, leadership, motivation, communication, teamwork, innovation, ethics, and social responsibility.

- three semester hours

MGT 314 Contemporary Issues in Management (SS)

This course features case studies, discussion of contemporary readings, or the integration of other active learning methods to learn about a variety of issues that are becoming increasingly important in business management. Potential areas of study include global business management practices, technology, entrepreneurship, and environmental and social concerns.

- three semester hours

MGT 315 Leadership and Teamwork

Prerequisite: MGT 271

This course investigates the skills needed to direct, promote, and motivate today's work force. The course focuses on classical and contemporary theories of leadership as well as understanding individual differences, motivation, and communication strategies. Topics include the structuring of effective teams, leading and participating in teams, communicating with and motivating others, and recognizing and valuing individual differences. The course also requires working cooperatively in effective teams, and is designed to provide teamwork experience and team building basics to students

- three semester hours

**MGT 316 Conflict Management and Negotiations (SS)
(Formerly HRM 331)**

This course examines the nature and sources of conflict and interdependence in social and organizational dynamics. Various means of resolving conflict, including the use of competitive and collaborative negotiations and mediation. The pedagogy includes case discussion, exercises, role-playing, and simulation to develop students as managers, mediators and negotiators.

- three semester hours

**MGT 317 International Management
(Formerly MGT 395)**

This course places strategic management in a global context and examines the uniqueness of international organizational structures and practices. In addition to the challenges of coordinating and controlling a global enterprise, the course emphasizes global cultural diversity and its influence on human resource management, internal and external communication, ethics, and social responsibility.

- three semester hours

MGT 318 Entrepreneurship

Prerequisite: MGT 271

This course integrates the material introduced in core courses and applies it to the design and evaluation of new ventures. The purpose of this course is to explore many dimensions of new venture creation and growth. The course addresses both a theoretical perspective on venture initiation and the application of writing an actual business plan.

- three semester hours

MGT 321 Supply Chain Logistics (Formerly LTM 310)

Prerequisite: MGT 271

The course studies the business activities that support the flow of products, supplies, and raw materials throughout the supply chain. Topics include inventory control, corporate traffic management, warehousing, packaging, materials handling, and procurement. Customer service quality and leading-edge logistics practices are emphasized.

- three semester hours

MGT 322 Procurement and Supplier Management

Prerequisite: MGT 271

This course addresses responsibilities related to purchasing and supply management. Topics include the role of purchasing in the firm, policies, analytical tools, supplier evaluation, negotiating, contracts, ethical considerations, e-procurement, and recent trends. "Make or buy" decisions, international aspects, and the sourcing of services are also covered.

- three semester hours

MGT 323 Production and Quality (Formerly MGT 320)

Prerequisite: MGT 271

In the era of global competitiveness, this course addresses the principles and management challenges associated with production, including manufacturing and the creation of value-added services. The framework for analysis will include total quality systems such as Lean, Six Sigma, and TPS.

- three semester hours

**MGT 324 Transportation Systems and Simulation
(Formerly LTM 260)**

Prerequisite: MGT 271

An introduction to transportation systems and transportation management includes operating and management characteristics for both freight and passenger modes, especially motor carriers, airlines, and intermodal. All students participate in an interactive simulation where students make multi-period business decisions as managers in a competitive market.

- three semester hours

**MGT 327 Global Supply Chain Management
(Formerly LTM 350)**

This course presents an overview of the rapidly changing global supply chain and includes topics including international sourcing, intermodalism, customs regulations, third party facilitators for international movements, and other special handling and security requirements that make global logistics management a challenge.

- three semester hours

**MGT 328 Logistics Technology and Cases
(Formerly LTM 390)**

Prerequisite: MGT 271

Utilizing a practical approach to solving logistics and transportation problems, this course employs the case-study method and hands-on exercises using methodology currently used in the field. Advanced topics required for effective management and control in transportation and logistics will be presented.

- three semester hours

**MGT 341 Human Resource Management (SS)
(Formerly HRM 301)**

Prerequisite: MGT 271 or permission of instructor

The class provides a foundation for the study of Human Resource Management (HRM) practices and strategies, exploring how HRM leads to a competitive advantage for organizations, both nationally and globally. Emphasis will be placed on examining the legal environment, HR planning/staffing, employee training/development, compensation, and managing employee performance and relations.

- three semester hours

**MGT 342 Human Resource Staffing and Development
(Formerly HRM 311)**

Prerequisite: MGT 341 or permission of instructor

This course studies the human resource practices of recruitment, selection, training and development in organizations. The course focuses on planning the human resource needs of organizations as well as individual career development, including the impact and evaluation of development and staffing decisions on individual and organizational strategies.

- three semester hours

**MGT 343 Reward Systems and Performance Management
(Formerly HRM 341)**

Prerequisite: MGT 341 or permission of instructor

Reward systems, including job analysis, job evaluation, market surveys and pay-for-performance systems, are examined in relation to alignment with the firm's competitive strategy. Performance management systems are studied, including strategic planning, as well as the process, measurement, and implementation of a performance management system. Additional issues covered in the course include benefit options, team performance, special groups and the legal and ethical environment.

- three semester hours

**MGT 344 Employment Law and Human Resource
Policies (Formerly HRM 321)**

Prerequisite: MGT 341 or permission of instructor

This course examines the regulation of human resources at both the firm level and the societal level. Common Law is presented and regulations at various government levels that impact employee safety, union activity, discriminatory practices, wages, and social programs are studied; compliance and management implementation issues are discussed.

- three semester hours

**MGT 390 Management of Operations and Information
Systems**

Prerequisites: BUS 231, MGT 271, CIS 232

This course is designed to provide students with a foundation in the concepts of business operations and management information systems supporting organization function. The course analyzes operational problems encountered in planning, organizing and controlling business processes and discusses the tools, information systems and analysis techniques used for solving these problems.

- three semester hours

• MGT 420 Directed Readings

Taken only with permission of dean or chairperson

A program of directed individual readings for advanced undergraduates. Conferences with members of the College of Business Administration faculty and written reports are required. Course often incorporates special topics and activities not covered in traditional courses.

- Variable

- Minimum one semester hour

MGT 461 Classics in Leadership

Prerequisites: MGT 271 and participation in the Niagara University Leadership minor program or permission of instructor.

Classic texts in literature and history are examined, particularly the lessons they offer in leading others in organizations and in society. Concepts such as motivation, ethics, communications, diversity, empowerment, teamwork, and decision making are discussed in the context of these classical works and related to current social problems. The major goal of the course is to tie together the students' college leadership experiences across disciplines through a capstone experience.

- three semester hours

MKG 201 Principles of Marketing (SS)

Marketing philosophies, influences, strategies and practices. Topics include: strategic planning, environmental influences, marketing research, consumer and business markets, segmentation and targeting, international marketing, and strategies for products, prices, distribution and promotion.

- three semester hours

MKG 305 Integrated Marketing Communication

Prerequisite: MKG 201

This course consists of essentially two modules. The first deals with product development issues and the design of global market offerings. The second deals with the planning, organization, implementation and control of integrated marketing communications. Coverage of advertising, sales promotion, public relations, direct marketing and personal selling along with emerging and nontraditional tools, and their integrated management for the accomplishment of promotional objectives. It includes both a strategic focus as well as an emphasis on creative campaign development.

- three semester hours

- offered fall semester

MKG 310 Channels Management (SS)

Prerequisite: MKG 201

The role of distribution channels in marketing. Analysis will focus on the coordination of all channel members from the manufacturer to the consumer. Topics include: wholesaler structure, channel strategy, channel coordination, channel communication, and channel conflict.

- three semester hours

- offered fall semester

MKG 311 Marketing Research

Prerequisites: MKG 201 and BUS 231

Study of contemporary research methods used to provide information for solving marketing problems. Topics include marketing-research design and ethics, data acquisition and analysis, and communication and application of results.

- three semester hours

- offered spring semester

MKG 313 Consumer Behavior (SS)

Prerequisite: MKG 201

Study of consumer acquisition, consumption and disposition of products and services. Focuses on decision processes and the psychological, social, cultural and economic factors that influence them.

- three semester hours
- offered fall semester

MKG 325 International Marketing (SS)

Prerequisite: MKG 201

Economic, social, cultural, political, legal and financial dimensions of international markets. Global marketing-strategy options and the conceptual and analytical tools needed to plan and implement them successfully.

- three semester hours
- offered spring semester

MKG 335 Sales Management

This course introduces key concepts of business-to-business marketing, salesforce management, and personal selling. Topics include the organizational buying process, segmenting business markets, and value creation. Principles of salesforce motivation, compensation, and deployment are also discussed. Students also master the personal selling process including techniques of need identification, need confirmation, closing and serving the account relationship. The course uses case studies, speakers, and role plays to understand and apply concepts.

- three semester hours

Technical (B2B) Marketing Minor

Bohdan Pikas, Coordinator

bpikas@niagara.edu

Goals

The growth of the pharmaceutical, chemical, biological and bio-informatics industries has created a need for graduates trained in the marketing of the goods and services offered by these companies. The Technical Marketing Minor offers the non-business student a strong foundation in the marketing activities of technically oriented companies. Technically oriented companies typically do not deal directly with the consuming public but are more geared towards business to business (B2B) marketing. The minor will have a strong B2B marketing orientation. It will provide the student an option of having an arts and sciences major and a highly marketable business minor which will enhance the student's ability to expand their career options in emerging growth fields.

Program

The minor is designed for non-business majors enrolled in any major. It would be particularly valuable for students enrolled in the chemistry, biochemistry, biology and criminal justice majors. The student must complete a total of six courses in order to obtain the minor. The required courses and course options are listed below.

Interested students should contact the minor coordinator.

Course Requirements

Required courses

MKG 201	Principles of Marketing
MKG 310	Channels Management
MKG 305	Integrated Marketing Communication
MKG 335	Sales Management

Advised Elective Courses (select two)

Other courses in the School of Business Administration may be selected in consultation with the coordinator.

MKG 325	International Marketing
MKG 311	Market Research
MKG 313	Consumer Behavior
ECO 102	Microeconomics
BUS 495	Internship (Coordinator approval required)



Interdisciplinary Minor in Leadership

Daniel Tompkins, Ph.D., Coordinator
dlt@niagara.edu

Mitchell Alegre, Adviser
malegre@niagara.edu

This minor prepares students for crucial roles as leaders in their organizations, communities and society. Students in any college can complete the interdisciplinary minor in leadership by taking six courses, by participating in a service-learning project and by engaging in campus life activities. The leadership minor translates theory into practice and stresses motivation, teamwork, ethics, experiential activities and analytical activities across different disciplines within the university.

First, students are provided with an introduction to leadership concepts within a Principles of Management course. Then, the students participate in experiential activities in a Leadership and Teamwork course. They receive courses that include a strong grounding in ethics and critical thinking skills. This is followed by another course that focuses on experiential learning, which could include an internship experience. Finally, the leadership capstone course ties together previous course work in an interdisciplinary framework with discussions of timeless issues of leadership, motivation and culture in history and literature and application of those issues to current societal problems. For more information, Contact the Commerce Department at 286-8160.

Course Requirements

Core requirements

For arts and sciences, education and business majors:

MGT 271 Principles of Management
MGT 315 Leadership and Teamwork

For hospitality and tourism majors:

HRT 140 Management and Leadership
MGT 315 Leadership and Teamwork

Ethical course requirements (choose one)

POL 337 Ethics and Politics
PHI 320 Business Management Ethics
PHI 304 Social and Political Philosophy

Analytical Course requirement (choose one)

CMS 361 Politics and Media
CMS 362 Information as Power
POL 334 American Presidency
POL 368 Revolutionary Leaders
Free elective with analytical content approved
by student's adviser and minor coordinator

Experiential Course requirement (choose one)

Internship or practicum as departmental
or advised elective
MIL 101/102 Military Leadership
SPK 101 Public Speaking
Free elective with experiential content approved
by student's adviser and minor coordinator

Capstone course

MGT 461 Classics in Leadership

Internship/coop

Listed under various titles and descriptions.





College of Education

Debra A. Colley, Ph.D., Dean
www.niagara.edu/education

Mission

It is the mission of the College of Education to prepare educational and mental health leaders who demonstrate the knowledge, skills and dispositions needed to serve others and who further the values and practices of their respective professions. We seek to inspire our candidates in the Vincentian tradition, and to foster core values of professional commitment and responsibility, professional relationships, and critical thinking and reflective practice.

As a faculty, we are committed to developing programs with courses, clinical experiences and assessments based on the following three complementary orientations:

(1) Student Centering Through Constructivist Practice

This orientation is based on the belief that knowledge is created and developed by learners and is influenced by the experiences, values and multiple identities (e.g., race, class, culture, gender, nationality, exceptionality, language of individuals). This perspective drives us to place the prior knowledge and experiences of students at the core of our instructional practice and facilitate their development through meaningful exploration. Constructivist practice invites candidates to be active participants in their own development and to view knowledge — in theory and in practice — as fluid social constructions that are made and remade through reflective interactions with social, cultural and natural phenomena.

(2) A Process-Product Framework

Throughout our programs, we also emphasize that education and counseling are most effective when they acknowledge the interdependence of process and product. These are not opposites; rather, they are part of each other as seen, for example, when candidates use a process of critical and creative thought to produce and implement pedagogical approaches or counseling strategies. These outcomes or “products” are themselves part of processes because they represent points on each candidate’s developmental continuum. With this individualized framework for growth, there are multiple paths to effective practice and we encourage educators and counselors to continuously examine and implement a wide range of research-based best practices.

(3) Reflective Practice

Self-assessment, peer assessment and critical examination of the efficacy of one’s own practice are essential dispositions for all professionals. We believe that reflective practice can be taught in the context of courses that view students as knowledge producers in search of meaning. Pedagogy that poses problems

rather than transmits content encourages reflective thinking and doing. Educators and mental health professionals must be reflective and metacognitive themselves in order to encourage these practices in those they serve. We also believe that interaction with current and future practitioners both extends and promotes such reflection. Faculty members in the college seek to extend and promote these orientations through modeling-related pedagogical practices and instilling in our candidates a desire to promote such practices in their professional lives.

Teacher Education Programs

Candidates in the initial teacher preparation programs are expected to demonstrate competency in each of the Interstate New Teacher Assessment and Support Consortium (INTASC) standards including:

- (1) Knowledge of subject matter.
- (2) Knowledge of human learning and development.
- (3) Adapting instruction to the needs of diverse learners.
- (4) Developing critical thinking and problem solving skills.
- (5) Classroom motivation and management.
- (6) Communication and technology.
- (7) Instructional planning.
- (8) Assessment of student learning.
- (9) Professional commitment and responsibility.
- (10) Partnerships and community involvement.

Degree Programs

The College of Education in partnership with the College of Arts and Sciences and the College of Business jointly administer bachelor degree programs leading to initial New York State teacher certification in eight general areas:

- (1) Early Childhood and Childhood (Birth to Grade 6)
- (2) Childhood (Grades 1-6)
- (3) Childhood and Middle Adolescence (Grades 1-9)*
- (4) Middle Childhood and Adolescence (Grades 5-12)*
- (5) Adolescence (Grades 7-12)*
- (6) Special Education and Childhood (Grades 1-6)
- (7) Special Education and Adolescence (Grades 7-12)*
- (8) Teaching English to Speakers of Other Languages (PreK-12)

*Degree programs leading to initial certification in middle childhood and/or adolescence education are offered by in English, mathematics, social studies, French, Spanish, biology, chemistry and business education.

Academic Concentration

New York State requires that students in teacher preparation pursue an academic concentration of study. The College of Education provides a concentration of study in English, liberal arts, mathematics, social studies, French, Spanish, biology, chemistry and business education. Generally, education students are required to take a minimum of 12 courses or

36 credit hours in the academic concentration. In order to remain close to the minimum credit hours for graduation of 120, and at the same time satisfy national accreditation standards in the subject areas, students are permitted to utilize selected general education components to satisfy these additional requirements.

Program and course descriptions for each academic concentration are available at the various certification levels listed above may be found in the College of Arts and Sciences and the College of Business sections of this catalog. For detailed descriptions of program curricula, see specific curriculum cards in the College of Education.

Academic Requirements

Credit hour totals are determined in part by efforts to meet requirements by state and national accrediting bodies, and are affected by varying credit hours of courses in different concentrations. For example, some concentrations have courses which count for four credit hours, and other concentrations have courses which count for only three credit hours. For these reasons, the total four-year program credit hours vary among certification levels and concentrations.

Program Certification Level	Field Experience Hours Required	Total Credit Hours
Early Childhood and Childhood (Birth – grade 6)	150	123-126
Childhood (grades 1-6)	100	120-126
Childhood and Middle Adolescence (grades 1-9)	150	123-131
Middle Adolescence and Adolescence (grades 5-12)	150	123-131
Adolescence (grades 7-12)	100	120-128
Special Education and Childhood (grades 1-6)	150	126-129
Special Education and Adolescence (grades 7-12)	150	126-140
Teaching English to Speakers of Other Languages (grades PreK-12)	150	123-129

Admissions

All students seeking admission to the College of Education as undergraduates, including transfer students, must demonstrate proficiency in the basic skills of mathematics, reading and writing. Students must also demonstrate the ability to achieve and maintain a 2.5 QPA in both their academic major and in professional education course work.

Transfer Credit

Credit is transferable from an accredited institution if the courses have a grade of C or better, are less than 10 years old, and are applicable to the general education component, academic concentration and/or professional requirements. A maximum of 60 credit hours are accepted for transfer into all undergraduate teacher education programs; TESOL teacher candidates may transfer up to 90 credit hours. It is the responsibility of Niagara University to verify student competence in the academic concentration recommended for state certification. For this reason, a substantial part of the academic concentration in which certification is requested must be completed at Niagara University.

College of Education Curriculum

Bachelor degree programs in the College of Education consist of between 120 and 140 credit hours, depending on the program selected for study. The general education requirement, 60 credit hours common to all bachelor's degree programs at Niagara University, is described elsewhere and is to be completed through the advisement process. The major academic requirement is specific to each degree program and is described under the appropriate academic department.

Course Restrictions

Three hundred and 400-level education courses are CLOSED to all students except those matriculated into the College of Education.

Education students must have a 2.5 QPA in their academic concentration and in their professional education course work to qualify for admission to 300- and 400-level courses in education.

Pre-Student Teaching Field Experience

All candidates for teacher certification are required to observe the teaching-learning process by tutoring in area schools through the Learn and Serve Niagara Program and completing a Teaching Assistantship experience. A minimum of 150 field hours are required prior to the Student Teaching. Transportation is provided for students who do not have their own vehicle. Students start tutoring experiences at the freshmen level and tutor for a minimum of 18 hours each semester. All education students are expected to tutor every semester in local schools. Students will be provided with five different field experiences that are pertinent to each level of certification. Coursework in each student's professional preparation sequence includes both observation and/or participation in learning activities. Students will be expected to complete all required field experiences before beginning their Teaching Assistantship. The emphasis of the Teaching Assistantship (methods) field experience is to ensure that students are exposed to and have experience with various methodological approaches as they relate to actual classroom practice.

Assessment

The College of Education is engaged in the development of authentic assessment processes and procedures. Among these procedures is the required use of portfolios to document student progress. Students are responsible for the design and development of a three-phase portfolio during their progress through the teacher preparation program. The portfolio entries for each of the first two phases will be documented within the required education course work. The final phase will be a comprehensive review of the student teaching experience.

(1) Foundations Portfolio: This first portfolio phase represents documentation of fundamental foundational skills and knowledge that the college believes is prerequisite to success as a classroom practitioner.

(2) Methods Portfolio: This second portfolio phase is designed and developed to document a level of methodological preparedness in areas of theory and practice that is necessary before students are permitted to student teach.

(3) Student Teaching Portfolio: The final portfolio is prepared during the student-teaching semester and represents a capstone for students seeking certification. The development of this portfolio should evidence a comprehensive synthesis of what each student has learned and applied during student teaching.

In addition to the required portfolio reviews, candidates for teaching credentials are required to achieve and maintain a QPA of 2.5 in both their academic concentration and in their professional education course work. Students who fail to maintain the required QPA are subject to probation or dismissal from the College of Education.

Student Teaching

Student teaching is a capstone experience that is required of all candidates for teacher certification. Student portfolios, dispositional assessments, a B in methods, an overall 2.5 QPA and acceptable evaluations in other assessments are required as a prerequisite to be allowed to student teach. Students who do not meet the requirements may be delayed in their student teaching placement. Student teachers spend an average of 15 weeks student teaching (two placements during one semester). An average of 33 hours each week is spent in the student teaching placement. Students must substantially complete the academic component of their major prior to placement for student teaching. Any incomplete (I) grades must be removed from a student's transcript and any failures retaken before permission to register for student teaching is granted. Normally, student teaching will take place in the fall or spring semester of the senior year.

Graduation Requirement

To graduate from the College of Education, it is necessary to satisfactorily complete the student teaching practicum, the portfolio requirements, and to achieve a 2.5 QPA both in the professional education component and the academic concentration.

Professional Requirement

Baccalaureate degree programs in the College of Education share a common professional requirement of 33 credit hours for the childhood (grades 1-6) and adolescence (grades 7-12) programs, 36 credit hours for the early childhood and childhood birth to grade 6), childhood and middle adolescence (grades 1-9), and middle adolescence and adolescence (grades 5-12) programs, 39 credit hours for the special education and childhood (grades 1-6), and special education and adolescence (grades 7-12) programs, and 42 hours for TESOL programs.

Foundational Course Requirements

The following 12 credit hours of foundational coursework are required of candidates in all programs.

- EDU 214 Foundations of Education
- EDU 236 Human Learning, Development and Motivation (Birth-21)
- EDU 239 Educating Students with Exceptionalities
- EDU 271 Foundations of Literacy Instruction

Early Childhood and Childhood (Birth to Grade 6)

For students seeking New York state certification in early childhood (birth-grade 2) and childhood education (grades 1-6):

Methods Course Requirements (15 credit hours)

- EDU 376 Language Arts Integration
- EDU 429 Curricular Applications in the Elementary Inclusive Classroom
- EDU 451 Assessment of Learning
- EDU 467 Methods of Teaching Elementary/ Inclusive Education
- EDU 450 Early Childhood Philosophy and Practice

Student Teaching Requirements (12 credit hours)

- EDU 487 Student Teaching in the Elementary Classroom
 - EDU 491 Professional Seminar in Elementary Education
- Teaching placements must be at two levels: birth to grade 2, and grades 1-6.

Childhood and Middle Childhood (Grades 1-9)

For students seeking New York State certification in early childhood (grades 1-6) and middle childhood education (grades 5-9) in the specific content area:

Methods Course Requirements (15 credit hours)

- EDU 376 Teaching Language Arts: Birth-Grade 6
- EDU 429 Curricular Applications in the Elementary Inclusive Classroom
- EDU 451 Assessment of Learning
- EDU 467 Foundations of Literacy Instruction
- EDU 452 Middle Childhood Philosophy and Practice

Student Teaching Requirements (12 credit hours)

- EDU 487 Student Teaching in the Elementary Classroom
 - EDU 491 Professional Seminar in Elementary Education
- Teaching placements must be at two levels: grades 1-6, and Grades 5-9 – in the specific content area.

Middle Childhood and Adolescence (Grades 5-12)

For New York State certification in middle childhood (grades 5-9) and adolescence education (grades 7-12):

Methods Course Requirements (15 credit hours)

- EDU 377 Literacy Development across the Secondary Curriculum
- EDU 460 Methods of Teaching in Secondary Education
- EDU 461-466 Special Methods of Teaching in the Academic Subject Areas of Secondary Education
- EDU 451 Assessment of Learning
- EDU 452 Middle Childhood Philosophy and Practice

Student Teaching Requirements (12 credit hours)

- EDU 481-486 Student Teaching in the Academic Subject Areas of Secondary Education
 - EDU 490 Professional Seminar in Secondary Education
- Teaching experience must be at two levels: grades 5-9 and grades 7-12 in the specific content area.

Adolescence (Grades 7-12)

For New York State certification in adolescence education (grades 7-12):

Methods Course Requirements (12 credit hours)

- EDU 377 Literacy Development across the Secondary Curriculum
- EDU 460 Methods of Teaching in Secondary Education
- EDU 461-466 Special Methods of Teaching in the Academic Subject Areas of Secondary Education
- EDU 451 Assessment of Learning

Student Teaching Requirements (12 credit hours)

- EDU 481-486 Student Teaching in the Academic Subject Areas of Secondary Education
 - EDU 490 Professional Seminar in Secondary Education
- Teaching experience must be at two levels: lower and upper grades of grade range 7-12

Special Education and Childhood (Grades 1-6)

For students seeking New York State certification in childhood education (grades 1-6) and teaching students with disabilities in childhood (grades 1-6):

General Methods Course Requirements (12 credit hours)

- EDU 376 Teaching Language Arts: Birth-Grade 6
- EDU 429 Curricular Applications in the Elementary Inclusive Classroom
- EDU 467 Methods of Teaching Elementary/Inclusive Education
- EDU 451 Assessment of Learning

Special Education Methods Course Requirements

(6 credit hours)

- EDU 455 Assessment in Special Education
- EDU 468 Methods of Teaching Children with Special Needs

Student Teaching Requirements (12 credit hours)

- EDU 488 Student Teaching in the Elementary/Inclusive Special Education Classroom
 - EDU 492 Professional Seminar in Elementary/Inclusive Special Education
- Teaching experience must be at two levels: lower and upper grades of grade range 1-6, with one placement in a special education setting.

Special Education and Adolescence (Grades 7-12)

For New York State certification in teaching students with disabilities in adolescence (grades 7-12) and adolescence education (grades 7-12):

General Methods Course Requirements (12 credit hours)

- EDU 377 Literacy Development across the Secondary Curriculum
- EDU 460 Methods of Teaching in Secondary Education
- EDU 461-465 Special Methods of Teaching in the Academic Subject Areas of Secondary Education
- EDU 451 Assessment of Learning

Special Education Methods Course Requirements

(6 credit hours)

- EDU 455 Assessment in Special Education
- EDU 470 Methods of Teaching Adolescents with Special Needs

Student Teaching Requirements (12 credit hours)

- EDU 471-475 Student Teaching in the Secondary Academic Subject Areas Inclusive Classroom
 - EDU 493 Professional Seminar in Secondary Inclusive Special Education
- Teaching experience must be at two levels: lower and upper grades of grade range 7-12, with one placement in a special education setting.

TESOL (PreK-Grade 12)

For students seeking New York State certification in TESOL (PreK-grade 12)

TESOL Foundations Course Requirements (12 credit hours)

- EDU 378 Foundations of Bilingual Education and TESOL
- EDU 379 Multicultural Literature for Developing Literacy in ELL
- EDU 380 Language and Linguistics in the ESL Classroom
- EDU 381 Sociolinguistic Considerations for Educators of ELL

Methods Course Requirements (9 credit hours)

- EDU 435 Curricular Applications in ESL
- EDU 436 Content Area Methods of ESL Classrooms (to be taken with EDU 435)
- EDU 451 Assessment of Learning (to be taken with EDU 435)

Student Teaching Requirements (12 credit hours)

- EDU 489 Student Teaching TESOL
 - EDU 494 Professional Seminar in TESOL
- Teaching placements must be at two levels: K-grade 6, and Grades 7-12.

Advisement

Students in the College of Education are assigned two advisers*, one in the College of Education who will monitor the student's progress throughout the entire bachelor degree program, and an academic adviser who will advise the student in the subject area in which teacher certification is sought. Each semester, students will consult with their academic adviser to decide their academic schedule of courses. Students will then report to the College of Education adviser for advisement on education courses. The student's academic concentration adviser will sign the course registration card and the education adviser will also sign the card. Both signatures are required on the course registration card before the student may register for courses each semester. The education adviser's signature on the course registration card is required

before the student may register for courses each semester.

*Students with a liberal arts concentration will only meet with an adviser in the College of Education.

Teacher Certification

Graduates of the College of Education seeking initial certification in New York State must pass three or four NYSTCE examinations — one in liberal arts and sciences (LAST), one in professional education (ATS-W), and one or two in the content specialty (CST). It is advisable to take the liberal arts and sciences test (LAST) by the end of the sophomore year of study, the Assessment of Teaching Skills (ATS-W) after the methods coursework, and the content specialty test (CST) after the coursework in your specific content concentration.

Reciprocity agreements for teacher certification exist between New York and other states, particularly those adjacent to New York State. Currently, 42 states and Puerto Rico that have reciprocity agreements with New York State for teacher certification. Students interested in teacher certification outside New York State or the interim Certificate of Qualifications in Ontario should consult with the dean of education.

Title II Reporting

As reported in the 2004-2005 Annual Institution Report, 99 percent of NU's program completers passed the LAST, 100 percent passed the ATS-W, 95 percent passed the multi-subject, English, math, biology and social studies CST. The NYSTCE registration information is available online at www.nystce.nesinc.com. Booklets and application are also available in the Dean's office.

Child Abuse Identification and Reporting Seminar, Violence Prevention Seminar, and Fingerprinting Requirements

Students seeking initial certification in teacher education must complete the two-hour Child Abuse Seminar, Drug and Alcohol Abuse Prevention Seminar, and two-hour Violence Prevention Seminar. These are generally provided as part of the student-teaching professional seminar. Effective July 1, 2001, the Schools Against Violence in Education (SAVE) Legislation requires the Commissioner of Education and the New York State Education Department (SED) to request a fingerprint supported criminal history background check for applicants for certification as well as prospective employees of school districts, charter schools and boards of cooperative educational services (BOCES).

Accreditation

The degree programs offered by the Niagara University College of Education are accredited by the National Council for Accreditation of Teacher Education (NCATE). Additional information regarding the Niagara University College of Education may be found on the Internet at www.niagara.edu/education.

Department of Education

Chandra J. Foote, Ph.D., Chairperson

www.niagara.edu

Courses

EDU 214 Foundations of Education

This course examines the ways in which diverse disciplines (e.g., history, philosophy, psychology, sociology, multiculturalism, economics, ethics, law) are the bases upon which Western educational practices are built. These interconnected foundations continuously shape school characteristics and conditions including curriculum, pedagogy, classroom organization, technology and the expectations held of teachers, students, parents, administrators, and the community. Course experiences will involve prospective teachers in gaining knowledge with which to analyze the effects of these educational foundations on the school experience in the past and present. Prospective teachers will use their evolving foundational framework to examine educational paradigms, theories, and practices that either strengthen and expand the democratic possibilities of schooling or maintain the current correspondence between educational success and students' socio-economic and cultural identities.

- three semester hours

EDU 215 Current Issues in Education

Students and instructor will select for reading, discussion, and analysis, issues which have significant implications for education, present and future. Students as individuals and as a group will be expected to develop clear, cogent position statements on issues.

- three semester hours

EDU 228 Multiculturalism in Education

This course introduces the prospective teacher to the issues of respect, appreciation and celebration of diversity in the educational setting. It examines the myths and origins of prejudice and discrimination. Once sensitized, prospective teachers will explore ways (in a constructivist environment) to appropriately instruct students with cultural, ethnic, gender, racial, physical, and mental differences. Eighteen hours of service in the Learn and Serve Program are required.

- three semester hours

EDU 234 Understanding the Adolescent

This course is designed to provide the student with a comprehensive study of the development of children and adolescents. Theoretical stages of personality development, cognitive growth and moral development will be presented and applied to identifying student characteristics and understanding the individual child in a classroom situation. Students will be assigned field experience in school classrooms and other youth-related programs in addition to regularly scheduled class time at the university.

- three semester hours

EDU 236 Human Learning, Development and Motivation (Birth-age 21) (SS)

The course is designed to introduce the prospective teacher to the theories of human learning, development, and motivation and the applications of these theories in the learning environment. Each of the developmental stages of early childhood, childhood, pre-adolescence and adolescence will be focused upon so that the future teacher will have a better understanding of students' experiences as they progress toward maturity. Preservice teachers will be required to participate in a Learn and Serve field experience in public schools to experience the application of theories; observe the interaction of a child/adolescent within the school, family and peer systems; and reflect upon their learning through a case-study project.

- three semester hours

EDU 239 Educating Students with Exceptionalities

This course introduces prospective teachers to the individual learning needs and challenges of students with physical, cognitive and emotional/behavioral exceptionalities. The participants will explore historical foundations, major contributors, legislation, methodology, transition services, inclusion, etc. Participants will explore family structure and the continuum of educational services available for students with various exceptionalities. Participants will reflect upon observations and interactions with students with various exceptionalities from the required field experience.

- three semester hours

EDU 271 Foundations of Literacy Instruction

This course is designed to help prospective teachers develop the knowledge and skills to deliver literacy instruction effectively. Students will learn how to: (a) create a literate environment that wraps literacy around all areas of the curriculum, (b) implement the New York State Learning Standards or Ontario Expectations following principles of effective instruction, (c) incorporate technology into instruction, (d) use a wide range of literature, including multicultural literature, across the curriculum, (e) cultivate partnerships with parents to encourage and enhance literacy development, and (f) use literacy assessments to make decisions about instruction for diverse learners.

- three semester hours

EDU 376 Language Arts Integration

This course is designed to prepare prospective teachers for teaching the language arts (reading, writing, listening, speaking, viewing, and visually representing) in the primary/elementary classroom using an integrated approach. Prospective teachers will learn how to guide students through each stage of the reading and writing processes and how to incorporate technology into each process. They will also learn how to utilize effective practices and strategies that enable elementary students at all levels of literacy development to read, write, listen, and speak for information and understanding; for literary response and expression; for critical analysis and evaluation; and for social interaction. Emphasis is placed on making meaningful connections for students, building strong home-school connections, and using ongoing assessment of student progress to guide instruction.

- three semester hours

EDU 377 Content Literacy Methods

This course provides prospective secondary teachers with strategies for integrating the language arts (listening, speaking, reading, writing, viewing visual works and constructing visual works) into specific content area instruction. Topics include techniques for teaching technical vocabulary; locating and selecting relevant sources; note taking from oral, print and electronic sources; organizing, writing, editing and revising papers; conforming to conventions of source citation and conventions of standard written English; writing informational and other types of essays; using content area learning logs; viewing graphics and art, and creating graphics and art related to content area concepts.

- three semester hours

EDU 378 Foundations of Bilingual Education (BE) & Teaching English to Speakers of Other Languages (TESOL)

This course provides the basic theories, issues, and concepts related to teaching bilingual students in PreK – 12 classrooms. Program models will be presented that employ bilingual education and integrated English as a Second Language (ESL) services as well as other models. Classroom strategies impacting student behavior and student learning are discussed. Current issues are discussed and provide students with opportunities to complete library research. The course will be address education for language minority students in terms of (1) historical, (2) theoretical, and (3) practice/methods used in schools. Emphasis is on education from the 1960's to the present; Federal legislation (Title VII; Title III); the No Child Left Behind Act; Supreme and lower court decisions; state legislation; and other legal aspects. FIELD EXPERIENCE required.

- three semester hours

EDU 379 Developing ESL Literacy through Multicultural Literature (CD)

This course takes a global approach to the promotion of literacy. Focusing closely on juvenile and children's literature as well as on literature applicable to adolescents, the goal is to expose course participants, who are pre-service teachers to world literature. Within an in-depth global exploration of culture and values, students will glean inter-cultural awareness, stretching literacy beyond our national borders. Using sound instructional practice and theory, students will read novels written by child-protagonists from all over the world. They will generate annotated bibliographies that will enrich classroom libraries, and promote literacy at the elementary/middle and high school levels. Methods of teaching literacy – reading, writing, speaking, comprehending, and thinking – to minority language students/ELLs will be infused in the course. Students will develop lessons, literature-teaching modules, and develop materials for use in future classroom work. FIELD EXPERIENCE required.

- three semester hours

EDU 380 Language & Linguistics in the English as a Second Language (ESL) classroom

This course will present current theories of Second Language Acquisition as well as provide an overview of linguistic phenomena in phonology, morphology, syntax, semantics, and discourse analysis germane to the Second Language classroom. It will provide an examination of English grammar and errors common to second language learners. Language transfer, BICS vs. CALP, hypotheses of major theorist in the fields of Second Language Acquisition (SLA) and linguistics will be discussed. The course will review basic structures of English through the emphasis of how to teach pronunciation, vocabulary, and grammar/syntax. The course will allow students to apply theoretical models and scientific findings to classroom practice in grades PreK-12 through research and practice.

- three semester hours

EDU 381 Sociolinguistic Considerations for Educators of English Language Learners (H)

This course will approach sociolinguistic considerations germane to the ESL classroom from a humanities perspective. After reviewing models of first and second language acquisition, this course will discuss sociolinguistic phenomena such as code switching, dialects and idiolects, language transfer, loan words, and appropriate discourse. Common misconceptions regarding “Spanglish” and other linguistic phenomena will be discussed. Phenomena associated with “languages in contact” will be emphasized. Students will apply theoretical models to classroom practice through research and projects.

- three semester hours

EDU 403 and 404 Honors Thesis I and II

This course allows for individual research of a substantive nature pursued in the student’s major field of study. The research will conclude in a written thesis or an original project, and an oral defense.

- three semester hours per course

EDU 429 Curricular Applications in the Elementary Inclusive Classroom

This course defines the scope and sequence of the elementary school curriculum in the core areas of math, science, and social studies and the developmental learning of students in grades PreK-6. Prospective teachers will view student learning within a constructivist framework emphasizing the knowledge and experience that they bring to the classroom and how to build on that knowledge. Prospective teachers will learn how to implement the New York State Standards or Ontario Expectations, assess student learning, and understand how technology enhances the development of student knowledge. Prospective teachers will also develop lesson plans across the curriculum that will engage learners of diverse backgrounds and needs.

- three semester hours

EDU 435 Curricular Applications In Teaching English Language (ELD-English Language Development)- ESL 1

This course emphasizes course an historical overview of methods and approaches to teaching English as a Second Language. Approaches and strategies such as: the grammar-translation approach; the Silent Way; the Audio-lingual Method; Total Physical Response; Jazz Chants; the Natural Approach as well as Cooperative Learning; Multiple Intelligences; Whole Language; among others are presented. English language development (ELD) lesson and unit planning as well as the assessment of these are presented. The NYSED Standards for ESL and the NYSED ELA Standards Applied to ELL Students will provide the basis for curriculum work in the course. The course will infuse technology and Computer Assisted Language Learning (CALL) in methodology. Students will apply material learned to curriculum units and develop instructional strategies that exemplify “best practices” in the field.

- three semester hours



EDU 436 Content Area Methods for English as a Second Language Classrooms - ESL II

This course explores Sheltered/Scaffolded English as a Second Language Instruction. The course focuses on how ESL students who benefit from this format will have content broken down into manageable learning units and prospective teachers will learn how to communicate these more simply. Participants in the course will learn how to deliver instruction and how to create instructional materials using this model. The ultimate goal of this course is to explore the different content areas in both schools and the work place to be able to translate instruction into meaningful learning. Cognitive-Academic Language Learning Approaches (CALLA) and other content-area Specially designed Academic Instruction in English (SDAIE) lessons will be covered. The Sheltered Instruction Observation Protocol (SIOP) model will be emphasized. Assessment of learning in the second language content-area classroom is presented. Field Experience required: An 80 hour teaching assistantship is an integral part of this course.

- three semester hours

EDU 450 Early Childhood Philosophy and Practice

This course is designed to provide the prospective teacher with a comprehensive study of early childhood educational philosophy, curriculum, and programming. Exemplary early childhood education and early intervention models will be examined from the perspective of the child and their families as the center of multiple, interrelated settings. The teaching assistantship field experience during this course will take place in a toddler or preschool educational setting.

- three semester hours

EDU 451 Assessment of Learning (AS)

This course serves as an introduction to the basic principles of measurement and evaluation (diagnostic, formative and summative), with emphasis upon appropriate assessment in accord with instructional objectives, more specifically the overall and specific expectations described in the New York State Learning Standards. A study of procedures of evaluation will be made including numerical, alphabetical, and narrative forms. Consideration is given to the statistical principles of validity and reliability, and the variety, selection and use of standardized achievement and aptitude tests). Treatment is also given to the evaluation of procedures, products, and typical behaviors, including the problems and cautions in the use and interpretation of test results, the construction and application of rubrics, and the implementation of authentic assessment. Methods of evaluating progress in each of the following areas: early childhood, elementary, middle, and secondary school will be examined. Candidates will participate a required program field experience.

- three semester hours

EDU 452 Middle Childhood Philosophy and Practice

This course is designed to provide preservice teachers with a comprehensive study of middle childhood educational philosophy, curriculum and programming. The course will focus on middle childhood development, learning, motivation and exceptionality. Exemplary middle childhood education models will be examined. The teaching assistantship field experience during this course will take place in a middle childhood educational setting.

- three semester hours

EDU 455 Assessment in Special Education

The intent of this course is to provide pre-service teachers with (1) knowledge of various assessment practices, and (2) skills in the assessment of learners with disabilities. The course focuses on the assessment of intelligence, reading, writing, mathematics, socialemotional behavior as well as the development of instructional objectives based on assessment data. For the completion of this course, students are required to participate in a field experience and work with school age children who have disabilities.

- three semester hours

EDU 460 Methods of Teaching in Secondary Education

This course is designed to provide pre-service teachers with the knowledge, skill, and experiences necessary to plan, deliver and assess effective standards-based learning experiences for adolescents. Particular attention is focused on the following: the incorporation of technology and constructivist lessons in multicultural classrooms, application of the knowledge base on human learning to teaching situations, motivation and management strategies that are appropriate in a democratic society, the development of collaborative skills in the public setting and cooperative learning techniques in the inclusive classroom, the development of various assessment methods, the development of reflective judgment as a means of professional growth, and the ability to tailor instruction to the diverse needs of adolescents. Analysis is also made of the socialization process facing new teachers in secondary settings.

During this course, the program requirement is a 30-hour teaching assistantship in local schools and successful completion of a portfolio. This course is to be taken concurrently with the special methods course. A great deal of emphasis is placed on the student's portfolio, which contains evidence of achievement and understanding in both courses; it is also used as a vehicle to earn student teaching placements.

- three semester hours

EDU 461-466 Special Methods of Teaching in the Academic Subject Areas of Secondary Education

The following courses are three credit hours each and are to be taken concurrently with EDU 460 providing the pre-service teacher with experiences that combine general teaching strategies with components of specific subject methods and field experiences. Each course deals with the concerns of its own particular academic area (for example, laboratories in science, values issues in social studies) and the general issues of technology, grade-level curricular specificity, classroom management, multicultural content and the construction of tests and other assessments. Students' portfolio entries will evidence their growth in developing lesson plans with a variety of teaching strategies specific to the content area.

461 Methods of Teaching English/Language Arts

462 Methods of Teaching Foreign Language

463 Methods of Teaching Mathematics

464 Methods of Teaching Science

465 Methods of Teaching Social Studies

466 Methods of Business Education

- three semester hours

EDU 467 Methods of Teaching Elementary/Inclusive Education

This course is designed to provide the pre-service teachers with knowledge and skills for strategies in the development of appropriate teaching methods in curriculum development and planning, classroom management, and student assessment. Pre-service teachers will develop lesson plans as aligned with the New York State Learning Standards and Ontario Expectations using a variety of teaching strategies to engage students of diverse backgrounds and needs. Portfolio entries will continue to evolve as the prospective teachers evidence their growth in developing lesson plans. A 30-hour teaching assistantship is an integral part of this course.

- three semester hours

EDU 468 Methods of Teaching Children with Special Needs

The course provides the pre-service teacher with the opportunity to examine and experience how modifications to the elementary curriculum are made to meet the needs of students with cognitive and emotional/behavior challenges. Focus will be on the development of individualized education plan (IEP) and its implementation in the inclusive classroom. Pre-service teachers will develop their ability to create appropriate modifications through the use of a variety of teaching strategies including the use of technology and cooperative learning. Portfolio entries will reflect this added dimension to the prospective teachers' repertoire of lesson plans. A 30-hour teaching assistantship is an integral part of this course.

- three semester hours

EDU 470 Methods of Teaching Adolescents with Special Needs

The course provides the pre-service teacher with the opportunity to examine and experience how modifications to the secondary curriculum are made to meet the needs of students with physical, cognitive and emotional/behavioral challenges as outlined in the New York State Learning Standards. Focus will be on the development of the individualized education plan (IEP) and its implementation. Pre-service teachers will develop the ability to create appropriate modifications and transition plans through the use of a variety of teaching strategies including technology and cooperative learning. A 30-hour teaching assistantship is an integral part of this course.

- three semester hours

EDU 471 Student Teaching in Secondary and Special Education English

This field experience is designed to enable teacher candidates to develop competence in teaching secondary school age students with and without disabilities in the English/language arts inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 472 Student Teaching in Secondary and Special Education Foreign Languages

This field experience is designed to enable teacher candidates to develop competence in teaching secondary school age students with and without disabilities in the foreign languages inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 473 Student Teaching in Secondary and Special Education Mathematics

This field experience is designed to enable teacher candidates to develop competence in teaching secondary school-age students with and without disabilities in the mathematics inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 474 Student Teaching in Secondary and Special Education Science

This field experience is designed to enable teacher candidates to develop competence in teaching secondary school-age students with and without disabilities in the science inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 475 Student Teaching in Secondary and Special Education Social Studies

This field experience is designed to enable teacher candidates to develop competence in teaching secondary school-age students with and without disabilities in the social studies inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 481 Student Teaching of English Language Arts

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching English/language arts at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge, and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 482 Student Teaching of Foreign Languages

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching foreign languages at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 483 Student Teaching of Mathematics

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching mathematics at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 484 Student Teaching of Science

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching science at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 485 Student Teaching of Social Studies

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching social studies at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 486 Student Teaching of Business Education

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching business at the secondary level. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 487 Student Teaching in the Elementary Classroom

This field experience is designed to enable teacher candidates to develop competence in teaching children of elementary school age. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 488 Student Teaching in the Elementary/ Inclusive Special Education Classroom

This field experience is designed to enable teacher candidates to develop competence in teaching children of elementary school age in the inclusive classroom. Teacher candidates are expected to demonstrate attitudes, knowledge and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio throughout the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 489 Student Teaching in English as a Second Language Classrooms

This field experience is designed to allow teacher candidates the opportunity to develop competence in teaching English as a Second Language in grades K - 12. It provides a supervised student teaching experience for students. Students are placed in an ESL/BE classroom or resource room at a grade level appropriate to their circumstances: students will be placed in a grade K - 6 (elementary) setting for the equivalent of 20 days or more and in a grade 7 - 12 (secondary) setting for the equivalent of 20 or more days. Teacher candidates are expected to demonstrate attitudes, knowledge, and skills essential to effective teaching consistent with New York State Learning Standards and Ontario Expectations. Teacher candidates will develop their final showcase portfolio thorough the semester in conjunction with the professional seminar. Student teachers are supervised by an experienced cooperating teacher and the university supervisor.

- nine semester hours

EDU 490 Professional Seminar in Secondary Education

This course is designed to provide teacher candidates with knowledge and understanding of those competencies that are essential to successful teaching. The seminar focuses upon the teacher candidate's professional role as a classroom practitioner in the secondary classroom. In addition, responsibilities for classroom organization and management and the use of technology in the classroom are addressed. Further, creation of multiculturally sensitive and gender equitable classrooms; attitudes toward teaching, learning, and assessment; knowledge of ethics and a basic understanding of school systems and community characteristics are considered.

- three semester hours

EDU 491 Professional Seminar in Elementary Education

This course is designed to provide teacher candidates with knowledge and understanding of those competencies that are essential to successful teaching. The seminar focuses upon the teacher candidate's professional role as a classroom practitioner in the elementary classroom. In addition, responsibilities for classroom organization and management and the use of technology in the classroom are addressed. Further, creation of multiculturally sensitive and gender equitable classrooms; attitudes toward teaching, learning, and assessment; knowledge of ethics and a basic understanding of school systems and community characteristics are considered.

- three semester hours

EDU 492 Professional Seminar in Elementary/ Special Education

This course is designed to provide teacher candidates with knowledge and understanding of those competencies that are essential to successful teaching. The seminar focuses upon the teacher candidate's professional role as a classroom practitioner in the elementary/inclusion classroom. In addition, responsibilities for classroom organization and management and the use of technology in the classroom are addressed. Further, creation of multiculturally sensitive and gender equitable classrooms; attitudes toward teaching, learning, and assessment; knowledge of ethics and a basic understanding of school systems and community characteristics are considered.

- three semester hours

EDU 493 Professional Seminar in Secondary/ Special Education

This course is designed to provide the teacher candidates with knowledge and understanding of those competencies that are essential to successful teaching. The seminar focuses upon the teacher candidate's professional role as a classroom practitioner in the secondary/inclusion classroom. In addition, responsibilities for classroom organization and management and the use of technology in the classroom are addressed. Further, creation of multiculturally sensitive and gender equitable classrooms; attitudes toward teaching, learning, and assessment; knowledge of ethics and a basic understanding of school systems and community characteristics are considered.

- three semester hours

EDU 494 Professional Seminar in Teaching English to Speakers of Other Languages

This course is designed to provide teacher candidates with knowledge and understanding of those competencies that are essential to successful teaching. The seminar focuses upon the teacher candidate's professional role as a classroom practitioner in an ESL classroom. In addition, responsibilities for classroom organization and management and the use of technology in the classroom are addressed. Further, creation of multiculturally sensitive and gender equitable classrooms; attitudes toward teaching, learning, and assessment; knowledge of ethics and a basic understanding of school systems and community characteristics are considered.

- three semester hours





College of Hospitality and Tourism Management

Hotel and Restaurant Management Concentrations:

Hotel/Restaurant Planning and Control

Foodservice Management

Restaurant Entrepreneurship

Tourism and Recreation Management Concentrations:

Tourism Destination Management

Special Event and Conference Management

Sport Management Concentration: Sport Operations

Gary D. Praetzel, Ph.D., Dean

gdp@niagara.edu

www.niagara.edu/hospitality

Founding Member Leading Hotel Schools of the World

On February 8, 2001, the Institute of Travel, Hotel and Restaurant Administration became the 4th college of Niagara University now known as the College of Hospitality and Tourism Management. Niagara's College of Hospitality and Tourism Management is one of five colleges of hospitality and tourism in the country. There are approximately 170 baccalaureate programs nationwide in hospitality and tourism. This change in status is consistent with this program being a leading national and international program in hospitality and tourism.

The applications-oriented College of Hospitality and Tourism Management is a nationally ranked program; a founding member of The Leading Hotel Schools of the World along with The Hotel School The Hague in Holland and the 440 luxury hotels comprising The Leading Hotels of the World; offered the world's first bachelor's degree in tourism; was the 7th hospitality and tourism program accredited in the country; is a recipient of the Institutional Achievement Award of the International Society of Travel and Tourism Educators; is the only hospitality and tourism program in the country publishing an industry-orientated trade journal (*The Rooms Chronicle*); offers innovative programming such as a work abroad program in luxury hotels in Lake Como, Italy and a Carnival Cruise Lines course; and requires its students to achieve 800 hours of approved industry experience to graduate.

Mission Statement

The College of Hospitality and Tourism Management, in Niagara University's liberal arts tradition of broadly educating students for a global environment, instills character and values required for responsible decision-making in personal and professional activities. The liberal arts core develops skills in communications, critical thinking, ethics, interpersonal relationships, leadership, and technology that are applied in the professional courses of the college leading to bachelor of science degrees in hotel and restaurant management and tourism and recreation management.

The college is dedicated to providing a current and high-quality education in preparing students for careers in the world's interdependent lodging, foodservice, tourism, and sport/recreation-related industries. The professional curriculum and cocurricular activities of the college support this objective by integrating technology, leadership, and practical experiences within a global industry context. The college, within the scope of its educational mission, strives to obtain the resources necessary to maintain a leadership role in integrating technology across the curriculum.

All students encounter practical learning opportunities through required industry experiences, broad co-op opportunities, and course work that integrates theory with practice. The college, striving to achieve true internationalization of the curriculum, has been a national leader in study abroad for decades, now featuring its unique work abroad/student exchange program with Lake Como, Italy.

The students are the first priority of the college, guiding all our actions. Teaching is our primary focus, and faculty enrich the learning experience through professional and scholarly activities. We engage our students in career planning activities, enhance students' marketability, and strive to maintain a 100 percent student placement rate.

Goal: Practical Applications

The College of Hospitality and Tourism Management of Niagara University, established in 1968 as the first program in the world offering a bachelor's degree in tourism, provides a curriculum and learning environment that gives students a variety of experiences and skills necessary to assume leadership positions in today's fast-changing hospitality and tourism industry. Taking advantage of the university's location near one of the world's major tourism and hospitality centers, the college offers B.S. degrees in hotel and restaurant management, tourism and recreation management, and sport management. The curriculum provides a comprehensive body of knowledge about the hotel, restaurant, sport, recreation, and tourism industries, preparing students for the rich variety of job opportunities offered by the world's single largest industry.

The college's primary mission is to prepare students for successful careers by creating a physical and intellectual environment in which they have the opportunity to grow, are challenged to realize their full potential, and are guided by faculty mentors with insight and understanding as they prepare for their careers. Our placement rate consistently

approximates 100 percent with over 90 percent of our graduates working in their major. The college strives to improve placement opportunities available to its students.

Contributing toward the goal of a quality applications-oriented program are the college's broadly educated and industry-experienced faculty members, each of whom is firmly grounded in his or her own discipline, yet sensitive to the importance of other fields. The college seeks out opportunities to partner with local, regional, national, and international entities to whatever extent may be feasible. The college sponsors professional conferences, provides seminars for the industry, assists local industries through classroom projects, has its own career fair, has an active alumni association with a mentorship program, and offers a Carnival Cruise Lines course.

The college's programs provide courses and industry experiences that prepare students for productive roles in chosen careers. All students must complete an 800-hour industry experience requirement. Students may also participate in our unique work abroad program in Lake Como, Italy that includes a student exchange program and is part of a larger web of cooperative efforts. Also through the Leading Hotel School of the World we are developing student exchange opportunities with schools in Germany and Peru.

In fall 2002, College of Hospitality and Tourism Management students developed a code of professionalism to guide their own professional behavior within the college and in terms of their association with the professional community. The students recognized four cornerstones to professionalism — attitude, appearance, preparation and conduct. The students pledge to pursue, respect and uphold this code of professionalism for the benefit and progress of both the students and the college, today and in the future.

Central to the college's mission is the desire to create an environment that encourages critical thinking. Toward this end, the college offers a broadly based, integrated program composed of courses in each student's major, the liberal arts, sciences, and business. The college seizes opportunities to help students increase their interest in intellectual matters, issues of economic and social justice, and in learning as a lifelong pursuit. Moreover, the college encourages its students to develop powers of reasoning and judgment and, in accordance with the mission of Niagara University, seeks to instill in its students a deep concern for the rights and dignity of the human person.

Degree Programs

• B.S. degree, hotel and restaurant management

Concentrations in:

- Hotel and Restaurant Planning and Control
- Foodservice Management
- Restaurant Entrepreneurship

• B.S. degree, sport management

Concentration in:

- Sport Operations

• B.S. degree, tourism and recreation management

Concentrations in:

- Tourism Destination Management
- Special Event and Conference Management

The College of Hospitality and Tourism Management provides students with course work in all aspects of the industry: hotel, foodservice, sport, recreation, and tourism — all held together by customer service. Students are provided the broadest possible educational experience within a current technological environment.

The curriculum is evenly divided between professional courses and the liberal arts. The liberal arts component of the curriculum provides a broad educational experience developing ethical thinking, critical thinking, interpersonal, and communication skills. The skills are essential for a successful career in any industry.

Accreditation

Accreditation body:

Accreditation Commission for Programs in Hospitality Administration (ACPHA)
203 South Morris Street
P.O. Box 278
Oxford, MD 21654
Telephone: (410) 226-5527

Date Niagara University accredited: February 1993; continuing accreditation granted in July 2000 and March 2007. Niagara University was the 7th program accredited in the country.

ACPHA was established by the International Council on Hotel, Restaurant and Institutional Education (CHRIE) for accrediting baccalaureate degree granting programs in the hospitality and tourism industry. Currently, only 32 baccalaureate programs are accredited nationwide.

Hotel and Restaurant Management

Concentrations:

- Hotel and Restaurant Planning and Control
- Foodservice Management
- Restaurant Entrepreneurship

Program Statement

The hotel and restaurant management degree program prepares students for management careers in the global hospitality industry. The curriculum is based on a dynamic business environment core developed with specialized emphasis on the unique technological, managerial and analytical requirements of managers and executives in the hotel and restaurant industries.

Hotel and restaurant industry recruiters stress the need for graduates to possess both theoretical and practical skills and experiences. Accordingly, the hotel and restaurant management curriculum specifically addresses the delicate balance between these two critical areas of learning. Many courses offer a practical component. Case studies are utilized throughout the curriculum, as are technology-based projects. The hotel/restaurant core courses challenge students to master today's

hospitality management competencies, including strategic management, finance and accounting, marketing, human resources, technology, and leadership. The program encourages further specialization through achievement of a concentrations in restaurant planning and control, foodservice management, or hotel and restaurant entrepreneurship.

Integrated throughout the curriculum is an emphasis on practical applications, globalization, leadership, and technological advances in hotels and restaurants. Majors are also free to choose from a variety of elective courses, or can select a second concentration.

Upon completion of the B.S. degree in hotel and restaurant management, the student is prepared with competencies to be successful in a number of hospitality careers: general managers, marketing and sales, front desk, human resources, club management, restaurant management, dining room management, casino and resort management, catering management, convention services management, in-flight catering, and business ownership, just to name a few. Upon graduation, students may also pursue graduate studies.

B.S. - Hotel and Restaurant Management

		<i>Units</i>
General Education Requirement	(60 credit hours)	20
<i>See General Education</i>		
Foundation Courses	9	
Distribution Courses	11	
MAT 201 Business Statistics	1	
CIS 232 Microcomputer Apps. for Business	1	
	1	
	1	
	1	
	1	
	1	
	1	
	4	
	arts and sciences	
Major Requirement	(63 credit hours)	21
School Core	8	
HRT 100	Intro. to Hotel/Rest. & Rec/Tourism Industries	
HRT 140	Management and Leadership	
HRT 201	Accounting Principles I	
HRT 202	Accounting Principles II	
HRT 244	Hotel and Tourism Law**	
HRT 253	Human Resource Mgt.	
HRT 496	Senior Seminar*	
*(800 Hr. Practicum requirement must be satisfied prior to registering for HRT 496)		
**Sport Management students substitute TRM 444, Recreation and Sports Law for HRT 244.		
ECO 100	Introduction to Economics	
Hotel and Restaurant Management Core (MHR)	5	
MHR 241	Foodservice Operations	
MHR 341	Food Preparation Principles	
MHR 346	Marketing of Hotels & Rest.	
MHR 347	Managing Complex Hotel Sys.	
MHR 435	Strategic Mgt. in Hotels & Rest.	

Concentration Courses 4

Hotel & Restaurant Planning & Control	
MHR 351	Finance and Capital Budgeting
MHR 445	Advanced Hotel Operations
MHR 420	Analytical Methods of Planning for Hotels & Restaurants
HRM 321/331/341 or MHR 388	
Foodservice Management	
MHR 343	Menu Planning & Commercial Food Production
MHR 359	Foodservice Layout & Design
MHR 388	Food & Beverage Cost Control
MHR 398	Foodservice Purchasing
Restaurant Entrepreneurship	
MHR 337	Restaurant Entrepreneurship: Concepts and Principals
MHR 361	Food and Culture
MHR 474	Restaurant Venture Planning
MHR 484	Restaurant Entrepreneurship Project

Elective Courses 4

Any concentration course outside your concentration, study-abroad courses, and these courses:

SPM 335	Issues in Sport	
HRT 290	Tour Industry Management	
HRT 330	Cultural Geography	
HRT 355	Resort, Club and Casino Mgt.	
HRT 401 & 402	Honors Thesis I and II	
HRT 419	Seminar on NYS Tourism	
MHR 441	Special Topics in HRM	
TRM 441	Special Topics in TRM	
HRT 451	Disney Internship (12)	
HRT 452	Disney Internship Advantage (3)	
HRT 493	Hospitality Co-op	
HRT 499	Independent Research	
Total Course Units	(123 credit hours)	41

Tourism and Recreation Management

Concentrations:

Tourism Destination Management

Special Event and Conference Management

Program Statement

The tourism and recreation management degree program prepares students for management careers in the expanding field of tourism and recreation. In addition to the core courses in tourism and recreation, the curriculum is based on rigorous business management courses developed with specialized emphasis on the unique technological, managerial, and leadership requirements of managers and executives in the tourism and recreation industries.

Future employment opportunities center on the credentials of our graduates to possess both theoretical and practical skills and experiences. Most courses offer a substantial practical component. Upon successful completion of the program the student will have acquired both an applied and theoretical understanding of the tourism and recreation profession through the successful completion of a core curriculum, a specialization within the field, and career-oriented practical experiences.

Students will be able to meet the challenges of this rapidly changing industry in which leadership, information technology, multiculturalism, and internationalization play important roles in management. TRM majors are also encouraged to choose from a variety of elective courses, study abroad or they can select a second concentration.

This cutting edge degree program is designed to provide students with a readiness and competency for employment in the worldwide tourism and recreation industry in such diverse settings as rental car companies, theme parks, tour operations, cultural and natural attractions, events and festivals, transportation industries like airlines and cruise lines, sport and entertainment venues, tourism promotion agencies, convention and meeting services, historic preservation districts, and retirement communities. Upon graduation, students may also pursue graduate studies.

Concentration Descriptions

Tourism Destination Management

A destination's ability to attract leisure travelers and conventions, meetings and group business impacts enormously on its vitality and economic well-being. This concentration helps future tourism professionals appraise a destination's core tourism product, market for tourism, and provide pertinent services for visitors. Courses in the program cover research, planning, marketing and sales, as well as operational functions. Special attention will be paid to emerging product development opportunities arising from changing demographics and political /economic realities. The program stresses competencies in e-commerce applications, internet marketing, and web design capabilities. Techniques of identifying and soliciting a variety of target markets, planning sales presentations, and assessing economic impact of the tourism and convention activity, along with the role of convention bureaus as a catalyst to regional economic development, will be discussed.

Special Event and Conference Management

Special events have enormous economic and promotional value for communities and destinations. With increasing growth and corporate involvement, events are emerging as a new growth industry, capable of generating economic benefits and employment. This concentration emphasizes the planning, operational, and financial management aspect of all pertinent functions of managing successful special events, meetings, and conferences. Events constitute a very powerful component of the tourism system; they are the cause of travel, and as such, make up the energizing unit of a successful tourism system. Courses within the program underscore that events and conferences need to be managed entities. Students will

be introduced to principles of entrepreneurship, design considerations, visitor management, guest services, financial management, resource and supply interpretation, and marketing and promotion. The program also covers relationships with volunteers, the media, and sponsors. Special emphasis will also be placed on public/private event planning partnerships between the public, nonprofit, and business sectors. Courses will also explore the benefit of creating "cause related" events. The courses in this program will assure that students have the tools to function successfully as an event and meeting planner.

B.S. - Tourism and Recreation Management

	<i>Units</i>
General Education Requirement	(60 credit hours) 20
<i>Same as hotel and restaurant management major</i>	
Major Requirement	(63 credit hours) 21
School Core	8
<i>Same as hotel and restaurant management major</i>	
Tourism and Recreation Management Core (TRM)	5
TRM 258	Contemporary Leisure & Rec. Concepts
TRM 360	Tourism and Recreation Information Technology
TRM 380	International Tourism & Recreation Geography
TRM 487	Marketing of Recreation and Tourism
TRM 490	Recreation and Tourism Economics
Concentration Courses	4
Tourism Destination Management	
TRM 340	Special Interest Tourism Marketing
TRM 399	Tourism Planning and Destination Design
TRM 485	Internet Marketing of Tourism Services
TRM 495	International Destination & Convention Mktg.
Special Event and Conference Management	
HRT 290	Tour Industry Management
TRM 370	Attractions and Event Management
TRM 390	Meeting and Convention Services
TRM 473	Sport Facility Management
Recreation and Sports Management	
TRM 395	Recreation and Sport Programming
TRM 432	Financial Aspects of Sports
TRM 473	Sport Facility Management
TRM 475	Sports Management
Elective Courses	4
<i>Any concentration course outside your concentration, study abroad courses, and these courses:</i>	
SPM 335	Issues in Sport
HRT 330	Cultural Geography
HRT 355	Resort, Club and Casino Mgt.
HRT 401 & 402	Honors Thesis I and II
HRT 419	Seminar on NYS Tourism
MHR 441	Special Topics in HRM
TRM 441	Special Topics in TRM
HRT 451	Disney Internship (12)
HRT 452	Disney Internship Advantage (3)
HRT 493	Hospitality Co-op
HRT 499	Independent Research
Total Course Units	(123 credit hours) 41

Sport Management

Concentrations:

Sport Operations

Program Statement

(a) The sport management degree program prepares students for management careers in the increasingly competitive sport and recreation industry. While the core courses in sport management provide students with a sound understanding of the sport industry, the curriculum includes a broad-based business management core with specialized emphasis on the unique technological, managerial and leadership skills required of managers and executives in the sport industry. To assure access to career opportunities in the field of sport, our graduates must possess both theoretical and practical skill and experience. Many courses offer a significant practical component. (b) The program is intended for students aspiring to leadership positions in the fast growing field of sport management. Integrated throughout the curriculum is an emphasis on practical applications, globalization, leadership, and technological advances in sport management. (c) Upon successful completion of the program, students will have achieved both an applied and theoretical understanding of the sport management profession through a business-based core curriculum, a concentration of specialized sport management courses and required, career-oriented practical experiences. Students will be prepared to meet the challenges of this rapidly expanding industry in which leadership, technology, governance and social policy play important roles in effective management. To further enhance this preparation, students in the major are encouraged to select from a broad variety of elective courses, study abroad, or pursue a second specialized concentration. Upon completion of the B.S. degree in sport management, graduates will possess the competencies for employment in management positions in a broad range of sport settings such as parks and recreation programs, interscholastic and intercollegiate athletics programs, not-for-profit sport organizations, professional sport franchises, stadiums, arenas, recreational facilities, golf and country clubs, resorts, and spas and fitness centers. Upon graduation, students may also elect to pursue graduate study. (d) The program aims to provide training in applying specific knowledge and to develop designated skills. These objectives are further detailed in individual course outlines.

B.S. – Sport Management

		<i>Units</i>
General Education Requirement	(60 credit hours)	20
<i>Same as hotel and restaurant management major</i>		
Major Requirement	(63 credit hours)	21
School Core		8
<i>Same as hotel and restaurant management major</i>		
SPM 244	Recreation & Sport Law substitutes for HRT 244 Hotel – Tourism Law	
Sport Management Core Units		4
SPM 275	Sport Management	
SPM 380	Sport Policy & Governance	
SPM 432	Financial Aspects of Sport	
SPM 495	Organ. Behavior in Sport	
Sport Operations Concentration	(12 Hours)	4
SPM 360	Sport Comm. & Technology	
SPM 395	Rec & Sports Programming	
SPM 455	Sport Marketing & Promotion	
SPM 473	Sport Facility Management	
Elective Courses		5
<i>Any concentration course outside your concentration, study abroad courses, and these courses:</i>		
SPM 335	Issues in Sport	
HRT 330	Cultural Geography	
HRT 355	Resort, Club and Casino Mgt.	
HRT 401 & 402	Honors Thesis I and II	
HRT 419	Seminar on NYS Tourism	
MHR 441	Special Topics in HRM	
TRM 441	Special Topics in TRM	
HRT 451	Disney Internship (12 credit hours)	
HRT 452	Disney Internship Advantage (3 credit hours)	
HRT 493	Hospitality Co-op	
HRT 499	Independent Research	
Total Course Units	(123 credit hours)	41

Minors

Hotel Management

HRT 100	Intro. to Hotel/Rest. & Rec/Tourism Industries
MHR 341	Food Preparation Principles
MHR 346	Marketing of Hotels & Rest.
MHR 347	Managing Complex Hotel Sys.
MHR 445	Advanced Hotel Operations

Restaurant Management

MHR 241	Foodservice Operations
MHR 341	Food Preparation Principles
MHR 343	Menu Planning & Commercial Food Production
MHR 359	Foodservice Layout & Design
MHR 398	Foodservice Purchasing

Tourism Management

HRT 100	Intro. to Hotel/Rest. & Rec/Tourism Industries
TRM 380	International Tourism & Recreation Geography
TRM 399	Tourism Planning and Destination Design
TRM 485	Internet Marketing of Tourism Services
TRM 487	Marketing of Tourism and Recreation

Sport Management

SPM 275	Sport Management
SPM 244	Recreation and Sports Law
SPM 395	Recreation and Sports Programming
Plus 3 courses with Minor Adviser approval	

Courses

**indicates courses which cannot be challenged.*

HRT 100 Introduction to the Hotel/Restaurant and Recreation/Tourism Industries (SS)

This course introduces the students to the history, function, and structure of the travel, hotel, restaurant, and recreation industries. Students will be introduced to the structure of industry components, and current issues and opportunities will be analyzed utilizing industry speakers.

- three semester hours

HRT 140 Management and Leadership

Prerequisite: HRT 100

This course is designed to provide basic information about management and leadership techniques in the hospitality and tourism industry. It includes a comprehensive survey of a wide variety of topics relevant to effective management and leadership styles. The course is primarily oriented to managing as a form of human behavior that occurs in an organizational setting. Specific industry applications are addressed.

- three semester hours

HRT 201 Accounting Principles I

This course provides a basic understanding of accounting concepts and procedures. Topics include accounting as an information system, financial reporting and analysis, measuring and reporting the operating cycles, measuring and reporting long-term assets and long-term financing. All topics are applied to the hospitality and tourism industries to enhance understanding of theories and concepts.

- three semester hours

HRT 202 Accounting Principles II

This course is the second semester of an introductory course to provide a basic understanding of accounting concepts and procedures. Topics include reporting income, stockholders' equity and cash flows, fundamentals of management accounting decision-making and analysis of accounting information. Applications to the hospitality and tourism industries enhance understanding of theories and concepts.

- three semester hours

HRT 244 Hotel and Tourism Law

An investigation of the legal aspects and responsibilities involved in selling hotel, restaurant and travel services. Study will include the seller-purchaser relationship and subsequent liabilities. Case histories, court decisions, and legal precedents and their resultant impacts on the industry are analyzed.

- three semester hours

HRT 253 Human Resource Management

Prerequisite: HRT 140

Scope includes organization and personnel needs particular to the hospitality, tourism, and recreation industries. Examines personnel management from a practical point of view as it relates to the needs of all levels of management. Topics include recruitment, selection, training, appraisal, wage theory, moral, motivation, labor laws, and labor relations.

- three semester hours

HRT 275 Chinese Cuisine and Culture (CD)

This course discusses Chinese cuisine and its relationship with the Chinese culture. It starts with the long history of Chinese culture, including subcultures within the Chinese society and integrates Chinese food and cuisine as it reflects Chinese religion, philosophy, politics and economic life. This course will sample cuisine popular in modern China and its variations throughout the world.

- three semester hours

HRT 290 Tour Industry Management

An introduction of group travel to the student of hospitality and travel/tourism. Basic concepts of the nature of group travel and group travel motivators are explained. The course then focuses in on the tour industry, its fundamentals, how it serves various groups, and tour operations. Fundamentals of group travel marketing, operations, financial control, automation and small business management are introduced and explored. Group travel and tour industry systems as a part of the greater travel/tourism industry are central to the delivery of information in this course.

- three semester hours

HRT 330 Cultural Geography

This course provides for a systematic approach to compare cultures, cultural traits, and culture's impact on levels of economic development. The course investigates the interactions of physical and cultural factors, and seeks to achieve an appreciation of the complex reasons for cultural diversity, cultural conflict, and differences in levels of economic development.

- three semester hours

HRT 355 Resort, Club and Casino Management

Investigates the general administrative procedures in seasonal and year-round resorts, clubs, and casinos by focusing on their unique characteristics and requirements of the leisure industry. Distinctive aspects such as seasonality, demand control, and consumer behavior are discussed as operational considerations for managers. The importance of effective facilities management and financial administration are stressed in this course.

- three semester hours

HRT 401 and 402 Honors Thesis I and II (WI)

Individual research of a substantive nature is pursued within the student's major field of study. The research will conclude with a written thesis or an original project. An oral defense is addressed to a committee comprised of faculty and industry members.

- six semester hours

HRT 419 Seminar on New York State Tourism

The course involves an intensive investigation of a specific topic relevant to tourism in New York state. The topic could relate to certain demographic trends affecting the tourism and hospitality industry; legal aspects impacting on operations, planning and development issues, environmental impacts, historic preservation, etc. The course will culminate in a two-day seminar, open to the public, on a theme linked with the topic explored in the course. Students will take full responsibility of course contents, conference organization, conference programming, publication of conference proceedings, and evaluation.

- three semester hours

*HRT 451 and HRT 452 Disney Internship

Prerequisite 2.5 QPA and being selected to participate.

Approval from the university must be granted.

Students are given the opportunity to work for one semester (HRT 452) or one summer (HRT 451) at one of the great travel-tourism attractions in the world — Disney World in Florida. Students are trained and supervised by the staff at Disney World and must submit a paper to the faculty upon satisfactory completion of the program.

- six to 15 semester credits

***HRT 493 Hospitality Co-op**

Prerequisite: University approval

A cooperative education experience designed to integrate classroom theory and practical work experience, lend increased relevancy to learning and provide the student with a realistic exposure to career opportunities. Students apply for the faculty-approved position. Candidates are interviewed and selected by prospective employers. A written paper is required of each student and the employer completes a performance evaluation. Contract required.

- three semester hours

***HRT 496 Senior Seminar**

In this capstone course students discuss and analyze current trends and future industry concerns. Students explore issues of personal development in preparation for careers within the hospitality and tourism industries. The possible impacts of societal issues affecting the industry are discussed as students prepare to become the leaders of tomorrow. Students document the completion of 800 hours of industry experience. Seniors only.

- three semester hours

***HRT 499 Independent Research**

Prerequisite: University approval

This course is designed to facilitate the research needs of individual seniors whose academic records illustrate superior performance. Mutually agreeable research programs are conducted in a specific area of hospitality or tourism. The purpose is to expand the student's expertise and enhance the student's research skills. A written paper documents the results of the research. Contract required.

- three semester hours

MHR 241 Foodservice Operations

A course with special emphasis on the institutional aspects of food & beverage management in restaurants, cafeterias, hotels, motels and clubs. The knowledge necessary to succeed in an entry-level management position in the hospitality industry is presented. Covered are subjects such as foodservice sanitation and procedures, tools and equipment, cooking principles, and quality standards. The student will understand production methods for various food types.

- three semester hours

MHR 337 Restaurant Entrepreneurship: Concepts and Principles

Prerequisite: MHR 241

The course will explore the personal characteristics and the motivation for entrepreneurial behavior in the field of hospitality management. It will focus upon how the process of extremely creative packaging and very strong product differentiation can result in "value added" as perceived by a somewhat small but affluent and discerning market looking for an alternative dining experience.

-three semester hours



MHR 341 Food Preparation Principles

Prerequisite: MHR 241

A study of various foods, basic food preparation principles, cooking methods, food storage, and equipment and sanitation. Includes lab and classroom learning experiences. Classroom component investigates the nature and properties of various food types and the underlying processes that affect food preparation techniques. Lab components include hands on food preparation and experimentation. Requires the purchase of professional kitchen uniform and some supplies.

- three semester hours
- one semester hour lab

MHR 343 Menu Planning and Commercial Food Production

Prerequisites: MHR 341, MHR 388, MHR 398, or permission of instructor

Students develop the skills needed to plan, produce, and serve meals to customers in a commercial setting. These skills include menu planning, food procurement and production methods, customer service and marketing. The classroom portion of the course includes a discussion of the importance of menu development and examines how menu decisions affect all other operational decisions. The lab component culminates in the preparation of an actual meal.

- three semester hours

MHR 346 Marketing of Hotels and Restaurants

Prerequisite: HRT 100 or permission of instructor

The marketing functions and the delivery systems for hospitality services are examined. Explores marketing as a total competitive effort of the firm. Includes human factors of the market, product and market analysis, competitive pricing and methods of approaching the market, with focus on positioning and selling the product. Case studies, interactive methods, and practical application will be used.

- three semester hours

MHR 347 Managing Complex Hotel Systems

Prerequisite: HRT 100 or permission of instructor

Investigates the integrated functions of front office, housekeeping and other departments, as well as considering their roles individually. Information flows within and between departments, demand forecasting, room pricing strategies, reservations control, front office accounting and other aspects of hotel operations are examined.

- three semester hours

MHR 351 Finance and Capital Budgeting

Prerequisites: HRT 201 and HRT 202

An examination of the manner in which firms attempt to increase shareholders' wealth through making the correct financial decisions. We will explore how the manner used to acquire capital as well the asset structure can affect the value of the hospitality firm. Methods of analysis are discussed, including cash budgeting, forecasting of revenue and expenses, and capital expenditure.

- three semester hours

MHR 359 Foodservice Layout and Design

The course presents how principles of layout and design can maximize efficiency in food/lodging operations. Relationships and standards of space allocation, work area standards for equipment, dining area and service area are discussed. Also included are criteria for selection and costs involved in different forms of layout and design.

- three semester hours

MHR 361 Food and Culture

The population of the United States and its respective cuisines have always been a melting pot of uncounted ethnic, religious and regional groups. By understanding and appreciating these differences, the entrepreneur can successfully make decisions about the concept, format and products necessary to develop a "boutique" product that reflects a globally based knowledge of food and culture. This will serve to enhance the appeal of the product to those looking for something very different in food, beverage, and lodging.

-three semester hours

MHR 388 Food and Beverage Cost Control

Prerequisite: HRT 201

Food and beverage will be reviewed from both an accounting and a physical asset point of view. The flow of food and beverage from purchasing to storage and finally to issuing will be discussed. Inventory techniques and the analysis of appropriate financial ratios will be examined.

- three semester hours

MHR 398 Foodservice Purchasing

Prerequisite: MHR 241

Analysis of policies, procedures, specifications, standards and methods of purchasing foodstuffs and nonfood supplies in the hospitality industry. The various classifications of foodservice commodities will also be examined and discussed.

- three semester hours

MHR 420 Analytical Methods of Planning and Control

Prerequisite: MAT 201 (or 102)

Operations research/management science is studied in order to provide students with the quantitative tools used in solving management problems in the hotel and foodservice industries. These techniques are then applied through the use of a computer simulation game where groups of students manage competing hotels.

- three semester hours

***MHR 435 Strategic Management in Hotels and Restaurants**

The course is designed to allow the student to apply his/her previous course work to the essential activities of strategic formulation and implementation. Emphasis will be placed on strategic considerations as a guide to successfully managing hospitality organizations. The students will be required to apply a strategic framework in order to successfully analyze a series of progressively more challenging industry-related case-studies. Seniors only.

- three semester hours

***MHR 441 Special Topics in Hotel and Restaurant Management**

A course designed to address and solve a problem pertinent to the field of hotel and /or restaurant management. Group participation is stressed to define and investigate current issues.

- three semester hours

MHR 445 Advanced Hotel Operations

Prerequisite: MHR 347

This is a senior-level course in advanced hotel operations, internal management and control systems, and service philosophy. It integrates management skills, departmental operations, hospitality law, technology applications, marketing knowledge, and managerial accounting proficiency as student teams manage a complex hotel system in a simulated competitive market environment.

-three semester hours

MHR 474 Restaurant Venture Planning

Prerequisite: MHR 361

The course develops an understanding of the process of conceptualizing, planning, and financing a new, uniquely focused food and beverage operation. Upon completion of the course the student will understand the role that detailed restaurant plans play in the areas of concept development, location, capital procurement and business plan development.

-three semester hours

MHR 484 Restaurant Entrepreneur Project

Prerequisite: MHR 474

A hands on, or "incubator" experience where students take the detailed plan generated in MHR 474 and continue to refine them with the objective of developing a fundable restaurant plan. Students will work with an industry practitioner under the supervision of faculty. Projects will be presented to a team of faculty and successful restaurant entrepreneurs for evaluation.

-three semester hours

SPM 244 Recreation & Sport Law

As more time is spent globally on recreation and leisure, it is crucial for these service providers to fully understand how laws and regulations will affect the way they conduct business. This introductory law course explores legal issues relevant to recreation and sports enterprises as leisure service providers. The course explores the legal duties and obligations created between recreation/sport related companies and their customers as well as the general public. The unique legal problems of recreational and/or sporting facilities, both amateur and professional will be fully introduced and explored. Of particular interest to students will be the laws of agency and contracts. The law of agency is particularly important to professional athletes, and professional agents must also understand contractual language.

- three semester hours

SPM 275 Sport Management

This course will introduce issues concerning organizing and managing sport-related businesses. It will also provide the students with a comprehensive introduction to the body of knowledge that serves as the foundation for the study of management within sport and sport-related organizations. the students will get a realistic view of current and future opportunities in sport-related organizations.

- three semester hours

SPM 360 Sport Communication and Technology

This course will provide a framework for understanding the connection between the informational and commercial sides of sport information management and technology. Students will study the roles of sport information specialists as they relate to the media, the sport organization and the public from both a journalistic and revenue generating perspective. Students will also examine the uses of technology from similar perspectives.

- three semester hours

SPM 380 Sport Policy and Governance

Prerequisites: SPM 275

This course will examine the various regulatory agencies that govern individual sport organizations and expose students to the management activities needed to operate effectively within those agencies. Students will learn how individual sport organizations fit into a greater industry and the power that lies within segments of the industry. The course is designed to integrate management theory with governance and policy development.

- three semester hours

SPM 395 Recreation and Sport Programming

The course is designed to provide the student with an understanding of the practices and procedures involved in recreation and sports programs. The course will develop the concepts of planning, organization, human resources, risk management, supervision, promotion and event management. Students will develop an appreciation for the challenges in recreation and sport programming while learning the practices needed to be successful in this area.

- three semester hours

SPM 432 Financial Aspects of Sport

Prerequisites: HRT 201 & 202

This course will examine the financial aspects of the sports industry and provide the student with an understanding of sport finance and its role in sport management. Students will study the overall aspects of revenue generation, budget management and financing issues unique to sports organizations.

- three semester hours

SPM 441 Concessions Management

Prerequisites: HRT 201 & 202 or equivalent

This course will examine the fundamentals of concessions management in a sports venue context. The student will be provided with an understanding of the design and execution of a concession program as well as the financial elements and control issues regarding concessions.

- three semester hours

SPM 455 Sport Marketing and Promotions

Need to be Junior Status

This course will examine the elements of the marketing mix from the sport perspective. An overview of the sport market, market research and segmentation, the unique nature of the sport product and pricing within sport will be emphasized. The theory of "place" in sport will be addressed through the role of promotions in the sport market and the role of public relations in the sport marketing mix.

- three semester hours

SPM 473 Sport Facility Management

This course is designed to study the concepts involved in the effective management of sport facilities and the events held within them. It will examine the considerations involved in planning and managing facilities and the relationship of facility operations to those events. The differences in managing activity centers and public assembly facilities will be emphasized.

- three semester hours

SPM 495 Organizational Behavior in Sport

Prerequisites: SPM 380, Seniors Only or Permission of Instructor

Designed to be the capstone course for the sport management major, this course will examine the theory, behavior, and structure of sport organizations. An examination of the evolution of the power and political activities in sport organizations will take place. The concepts of leadership and management in the sport industry will be discussed in an effort to improve the effectiveness of the sport organizations on a personal, team, and organizational level.

- three semester hours

TRM 258 Contemporary Leisure and Recreation Concepts (SS)

The course provides a diversified, contemporary picture of the role of leisure and recreation in American culture. Students will be introduced to leisure as: 1) an individual, personal experience, seen from a psychological and philosophical vantage point; 2) leisure as a social system, using sociological methods of analysis; and 3) leisure as an operational function of providing recreational facilities and programs. Topics will include the theoretical background of recreation behavior, the determinants of recreation behavior, an overview of recreation pursuits and settings, and a survey of the occupational opportunities in the field.

- three semester hours

TRM 340 Special Interest Tourism Marketing

Increasingly, travel and tourism can be understood as a multifaceted activity made up of numerous industries and events. Numerous distinct activities have recently been recognized as promising vehicles for economic development for many communities across the country and around the world. They include cultural tourism, heritage tourism, adventure tourism, ecotourism, casino gaming, outdoor recreation, sports tourism, adventure tourism, shopping, and live entertainment ventures. This course will help to define and better understand each of these emerging niche tourism products. Students will learn how to inventory a destination's resources and attractions and creatively incorporate them into a comprehensive tourism promotion strategy. Students will learn how to best identify and interpret particular advantages and how to reach target markets.

- three semester hours

TRM 360 Tourism Information Technology

A comprehensive introduction to various aspects of tourism information technology, including hardware, software and management. The course will emphasize the global and technological integration of the tourism technologies. Students are expected to submit a major course project that demonstrates mastery of principles and solutions presented in the course using information retrieval and/or database software programs.

- three semester hours

TRM 370 Attractions and Events Management

This course emphasizes the planning, operational, and financial management aspect of directing all functions of managing a successful supply side attraction. The course underscores that attractions and events need to be developed and managed entities. Students will be introduced to principles of entrepreneurship, design considerations, visitor control and guest services, resource interpretation, and marketing and promotion. Special emphasis will also be placed on public/private event planning partnerships between the public, non-profit, and business sectors.

- three semester hours

TRM 380 International Tourism and Recreation Geography

An introduction to world tourism destinations and markets, including an exploration of physical, cultural and geopolitical influences on the travel and tourism industry. International travel and world geography are linked in a fundamental way. By definition, geography focuses on space and places special emphasis on the location of destinations, characteristics of tourist markets, and the transportation infrastructure and hospitality superstructure found in major destinations. The course also introduces students to a social analysis of host/guest relationships and provides an opportunity to discuss the critical role tourism plays in international economics and politics.

- three semester hours

TRM 390 Meeting and Convention Services

Prerequisite: Junior Standing

The course provides an overview of the meeting and convention industry and the various aspects and skills involved in planning and managing meetings and conventions. Special emphasis is placed on types of meetings, meeting markets, industry suppliers, budget and program planning, site selection and contract negotiations, registration and housing, food and beverage requirements, room set-up and audiovisual requirements.

- three semester hours

TRM 399 Tourism Planning and Destination Design

Tourism is a large and complex system of activities and industries. It has wide-ranging and deep positive and negative effects on people, economies, and the environment. The tourism industry is using planning to guide tourism to meet the public's consumer needs, coordinate programs, and encourage tourism's economic benefits while minimizing social and environmental problems. This course presents planning concepts and practices applied to tourism. We study the nature of the tourism system and the social, economic, and environmental impacts of tourism. Students will explore the planning process and its application to the tourism industry.

- three semester hours

TRM 432 Financial Aspects of Sport

Prerequisite: HRT 201-202 or equivalent

This course will examine the financial aspects of the sports industry and provide the student with an understanding of sport finance and its role in sport management. Students will study the overall aspects of revenue generation, budget management and financing issues unique to sports organizations.

- three semester hours

TRM 441 Special Topics in Tourism and Recreation Management

A course designed to address and solve a problem pertinent to the field of tourism and/or recreation. Group participation is stressed to define and investigate current issues.

- three semester hours

TRM 450 Research Methodologies

Although many of our graduates will not be conducting sophisticated research as a manager in business organizations, they will have to read and analyze research reports produced by researchers and make decisions based on those reports. The main purpose of this course is to acquaint students with various aspects of research methodology. It will show the students how research is conducted, step by step, and will also discuss the pitfalls in conducting research and examine some of the most popular statistical analyses and their significance. Finally, the course will illustrate how a research report is written and consequently how it should be interpreted. Emphasis will be on the understanding and interpretation of research results.

- three semester hours

TRM 485 Internet Marketing of Tourism Services

The purpose of this course is to introduce students to this new medium of marketing communication, i.e. the Internet, and to examine how tourism businesses are using the medium as a means of marketing communication. Special attention will also be paid to the role of the Internet in global tourism economy.

- three semester hours

TRM 487 Marketing of Recreation and Tourism

To acquaint students with a practical application and theory of sales and marketing, including advertising and public relations strategies, as they relate to the tourism and recreation industries. The course covers the marketing mix, tourism product, recreation product, consumer behavior, communications and media uses and procedures for advertising and public relations campaigns.

- three semester hours

TRM 490 Recreation and Tourism Economics

Prerequisite: Junior Standing

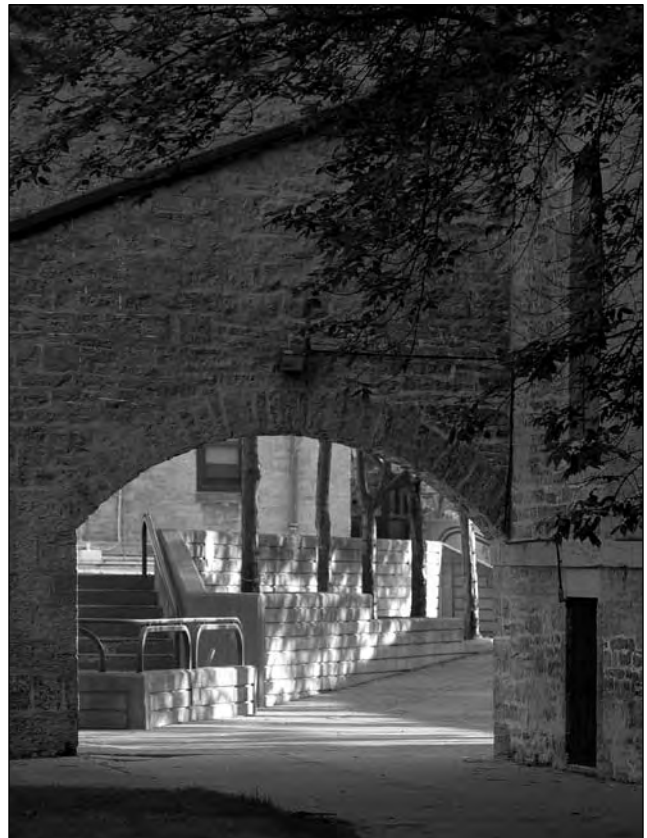
This course explores the impacts of leisure and tourism on regional and national economics. Applications of economic analysis to recreation and tourism including estimation and prediction of demand and supply, forecasting tourism market trends, estimating and forecasting or recreation and tourism use and demand, economic impacts of recreation and tourism, sources of capital provision, and application of conversion studies techniques.

- three semester hours

TRM 495 International Destination & Convention Marketing

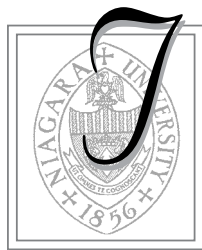
Future travel professionals, hoteliers, restaurateurs, tour operators, airline employees and others will learn how conventions, meetings and group business will affect their careers. The course will cover both the marketing and sales and operations functions. The course presents and analyzes concepts necessary to successfully solicit and operate conventions and trade shows. Techniques of soliciting a variety of markets, planning presentations and assessing economic impact of bookings, along with the role of convention bureaus as a catalyst to regional economic development will be discussed.

- three semester hours



University and Departmental Honors Program

Dr. Daniel Pinti, Ph.D., Coordinator
dpinti@niagara.edu
www.niagara.edu/honors

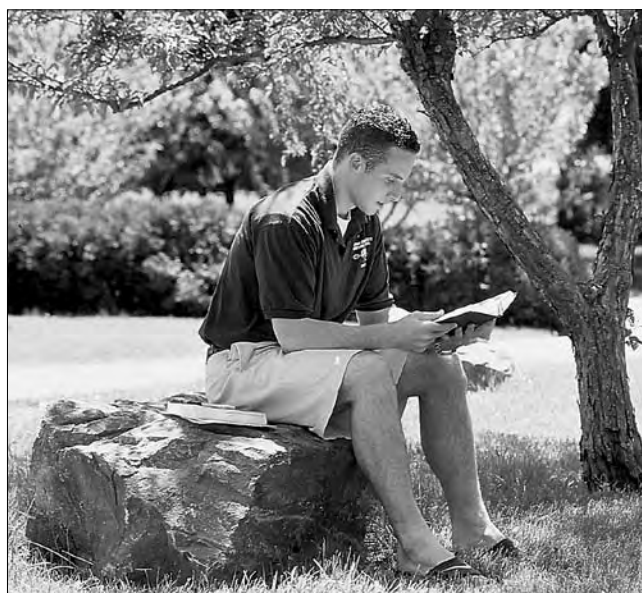


The goal of the Niagara University honors program is to identify academically talented and motivated students and to assist them in enriching their academic experience by providing the opportunity for intensive individual learning. As a member of the National Collegiate

Honors Council, the Niagara University honors program adheres to the high levels of academic excellence and institutional support of NCHC university member institutions.

The vice president for academic affairs and university honors coordinator extend an invitation to qualified students to apply to the university honors program. Graduating high school seniors must meet two of the following criteria:

- (1) Cumulative high school average of at least 90 percent;
- (2) Graduation in the top 10 percent of their high school graduating class;
- (3) A combined SAT score (verbal and math) of at least 1200 or an ACT composite score of 27.



College transfer students with at least 24 credit hours, but fewer than 64 credit hours, must meet the following criteria:

- (1) A grade point average of 3.5 (on a 4.0 scale);
- (2) A willingness to complete a minimum of five honors courses at Niagara University;
- (3) A willingness to complete a two-semester honors thesis in the department major.

Students accepted into the university honors program receive special recognition for their academic achievements. This recognition includes a first-year student ceremony and reception, full and partial scholarship awards, an honors certificate at graduation from the vice president for academic affairs, honors notation on the student's transcript, and commencement recognition. University honors students are eligible for special housing in Clet Hall, which includes study lounges, computer labs and expanded study hours.

University honors students are required to take an honors section of either REL 101 or 103, along with honors courses in three of five general education categories and an honors enhanced course in the major. The presentation, delivery and scope of content of these honors sections are tailored to the specific needs and talents of honors students. In addition, university honors students take a six-credit, two-semester honors thesis course in their fourth year. Under the direction of a professor in their major department, students engage in substantive research of an approved topic of interest to the student and the professor. Each university honors student is also encouraged to participate in an internship and/or field-work experience that complements and shapes the student's program of study.

Students who have not participated in the university honors program and who qualify may be invited to participate in the departmental honors program at the close of their third year of studies. The invitation to participate will be sent from the student's departmental chair and the university honors coordinator. The departmental honors program requires the six-credit, two-semester thesis course in the fourth year. Students who successfully complete this program will receive with their diploma a departmental honors certificate and commencement recognition.

Both university and departmental honors students embody the dedication to academic excellence and service that reflects well on their future graduate and professional studies. For further information and a university honors student handbook, please contact the university honors coordinator at (716) 286-8629.

Learn and Serve Niagara

Marilynn P. Fleckenstein, Ph.D., Director

mpf@niagara.edu

www.niagara.edu/learnservice



The Niagara University experience embodies the altruistic spirit of Vincent de Paul. As declared in its mission statement, the University "... seeks to instill in its students a deep concern for the rights and dignity of the human person, especially for the poor, the suffering, the handicapped, and the outcast. It expects that the same concerns will inspire and motivate its faculty and staff in the educative process."

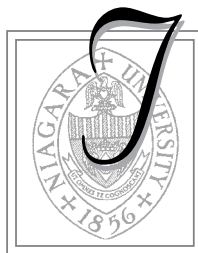
Consistent with its mission, the Learn and Serve Niagara Program was successfully established at the university in 1994 with a grant from the Corporation for National Service. Comprising both a tutoring program and a human needs project; over 5,000 students have participated since its inception while 60 classes have included a service-learning component. Courses are offered in every college of the university and in a variety of disciplines.

Students majoring in education and other areas tutor elementary, middle and high school students at 50 sites in school districts in Western New York. Five after-school tutoring programs are also conducted and tutors are placed at a number of private and parochial schools in the area. In the academic year 2005-2006, 1,018 Niagara University students tutored over 8,500 elementary and secondary students, providing over 31,000 hours of service. Niagara University students enrolled in the Department of accounting provide tax preparation assistance to the elderly and the disabled; Hospitality students work with Journey's End, a refugee resettlement center in Buffalo and with clients at the Statler Foundation for the Blind in Buffalo, Communications Studies students have aided a number of community agencies by producing video tapes and other materials. Niagara University students are involved in a variety of other service-learning projects such as working in local soup kitchens, Habitat for Humanity and the Skating Association for the Blind and Handicapped.

The Niagara University Community Action Program is a part of Learn and Serve Niagara. NUCAP participates in community service and service-learning by sponsoring over 15 one-day activities. These activities allow NU students to host community groups such as children, the developmentally challenged and seniors on campus for a variety of activities. Additionally NUCAP sponsors activities, such as a Valentine's Day party and Christmas caroling at local nursing homes. In the academic year, 2005-2006, 500 NU students participated in NUCAP events contributing 3,000 hours of service.

Learning Center

Patricia G. Kinner, M.A., Director



The Learning Center, a part of the university's Office of Academic Support, is designed to provide assistance to students through courses, tutoring and a writing center. Academic accommodations for students with disabilities are coordinated through The Learning Center based on documented needs. English as a foreign language instruction is offered in The Learning Center as are workshops and individual sessions to support students' academic success.

The Learning Center serves as the coordinating department for the university's skills assessment testing program and for academic progress records. The center's services are available to all university students.

Courses

**indicates courses which cannot be challenged.*

ENG 193-194 English as a Foreign Language

Designed for students for whom English is a second language, this course provides intensive training in the basics of English grammar, composition, and language art skills. An individual program of instruction is designed to help students master the English skills required for college students and allow them a reasonable expectation of success later in WRT 100, which is required of all undergraduate students. While it is customary for students to complete both ENG 193 and 194, students do not need to have completed ENG 193 before enrolling in ENG 194.

- six semester hours

CRL 101 Critical Literacy

Prerequisite for WRT 100

This course integrates reading and writing instruction to engage students in the rigors of college work. Through strategic instruction and guided practice, students strengthen reading skills and gain practice in writing college essays. Through an exploration of knowledge and learning in higher education, students are encouraged to think critically.

- three semester hours

LSK 045 Vocabulary Enrichment

A weekly seminar designed to increase students' college-level vocabulary and to enhance students' reading and communication skills. Emphasis is given to etymology and to understanding and using words in context.

- noncredit

LSK 095 Basic Math

A course for students who require a review of, or introduction to, basic mathematics. The course is designed to teach the methodology of arithmetic and basic algebra. Topics include fractions, decimals, proportions, percents, and beginning algebra through the solving of basic linear equations that contain rational numbers.

- noncredit

LSK 100 Math Workshop

A course for students who require a review of, or introduction to, basic algebra. Topics include: simplifying and evaluating linear expressions; signed numbers; adding, subtracting, multiplying, dividing, and factoring polynomials; simplifying, adding, subtracting, and multiplying rational expressions; factoring in quadratic expressions; and solving quadratic equations.

- noncredit

Tutoring

Tutoring is provided in many courses at the university. The service is free and the tutors are students who have high academic averages and have taken the course being tutored. To apply, students complete application forms which are available in the center. When a completed request form is received, a tutor will call to arrange a schedule of two hour-long meetings per week. All tutors are trained by the professional staff.

English as a Foreign Language

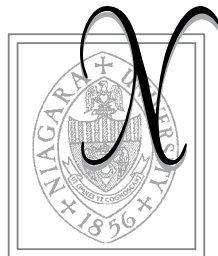
Each semester the university offers instruction in English to both international students and students who come from another language background. Enrollment in the class is restricted to those who have exhibited a need for additional instruction prior to enrollment in Writing 100 or English 100. Those who wish to enroll should make their request at The Learning Center.

University Writing Center

The University Writing Center is located within The Learning Center. Faculty members are available to help students develop their abilities to write effective papers for courses across the curriculum. While tutors do not edit, proofread or correct a student's papers, they can recommend a variety of composing strategies for improving writing skills.



Niagara University Opportunity Program



UOP seeks to make higher education possible for students who are both educationally and economically disadvantaged. This comprehensive program is designed for students who have potential for and interest in furthering education but would not ordinarily be admissible to Niagara under regular admissions standards. Students admitted to NUOP are provided with a full range of academic and financial support services to ensure that they have every opportunity to develop their potential and succeed at Niagara. These services include an intensive prefreshman summer program, developmental learning skills courses, tutoring, and counseling. Financial assistance is also provided.

NUOP is funded jointly by the university and the New York State Higher Educational Opportunity Program (HEOP).

To be eligible for NUOP, a student must be:

- (1) A high school graduate or possess a state-approved equivalency diploma or its equivalent.
- (2) A resident of New York state according to the criteria promulgated by the Higher Education Services Corporation.
- (3) Both "economically and educationally disadvantaged." To be considered economically disadvantaged, a student must meet the economic criteria established by the New York State Education Department based on the number of people in the student's household and income of the household. The economic eligibility table is available in the NUOP office. All income must be verified by 1040 tax forms or other appropriate documentation.

Reference to the eligibility table need not be made if the student falls into one of the following categories and documentation is provided:

- (1) The student or the student's family was a recipient of payment through a New York State County Department of Social Services at any time during the calendar year prior to the student's potential year of enrollment.
- (2) The student is living with foster parents who do not provide support for college, and no financial assistance is provided by the natural parents.
- (3) The student is a ward of the state or county.

Application: A Niagara University completed admission form, with counselor's recommendation for HEOP, must be submitted to the admissions office. In addition to submitting a copy of the high school transcript or GED scores, NUOP students will be scheduled for testing and an interview. Additional information can be obtained by calling the NUOP office at (716) 286-8068.

Preprofessional Tracks

Prelaw Advisement Program

Peter J. Baxter, J.D./Ph.D., Prelaw Adviser
pjb@niagara.edu
www.niagara.edu/prelaw



Niagara University offers preprofessional programs in prelaw, premedical and pre dental studies.

Goals

In keeping with the advice of the American Bar Association, Niagara University offers prospective law school applicants the opportunity to benefit from a well-rounded liberal arts education while participating in the prelaw advisement program. While there are many law-related courses offered in the departments of political science, criminal justice, and commerce, no one major is necessarily the “ideal” major for law school.

Prelaw advisement at Niagara University offers the potential law school applicant intensive one-on-one guidance and counseling throughout his or her four years of undergraduate education. Through intensive and personal guidance, prelaw students at Niagara are exposed to areas of legal education and career choices that help focus their own future. Niagara University students benefit from small class size and from close professional relationships with their professors and with the prelaw adviser. Combined with personal attention and a dedication to excellence, the Office of Prelaw Advisement at NU seeks to make sure that our undergraduates receive the best possible preparation for law school.

The Niagara University prelaw advisement program also offers student workshops, speakers, law school visitation programs, and a yearly trip to witness the United States Supreme Court and to participate in the annual LSAC Law School Forum in such cities as Boston, Chicago, and New York City. In conjunction with the Phi Alpha Delta Law Fraternity International (Niagara Chapter), our prelaw students are given the expert advice and exposure that prepare them for their future academic and professional careers.

It is recommended that early in their undergraduate studies, students wishing to pursue a law degree contact the university’s prelaw adviser, Dr. Peter J. Baxter, to obtain information concerning law school admissions, entrance exams, law firm internships and cooperative education experiences, the placement of law graduates, and the undergraduate performance required to obtain admission to the best law schools in the United States and Canada.

Premedical/Dental/Health Professions Advisement Program

William H. Cliff, Ph.D., Adviser
bcliff@niagara.edu
www.niagara.edu/biology

In keeping with the desire of health profession schools to have a diversity of interests among their students, there is no fixed pre-health curriculum. However, certain courses are required by all professional schools, others are required by some professional schools, and still others are recommended by varying numbers of professional schools. Traditionally the great majority of students throughout the country who apply to health profession schools come from the Biology or the Chemistry majors. However, the courses referred to above can be made a part of any of several degree programs. The Niagara University curricula leading to the Bachelor of Arts degree with a major in chemistry, or the Bachelor of Science degree with majors in either biochemistry, biology, or chemistry are especially well suited. However, any of several other degree programs may be modified to allow a student to meet the admission requirements of the professional schools. Admission requirements are published annually by the professional schools and school associations and this is an excellent source for all types of pertinent information.

Recommendations given in regard to preparation for medicine are generally true for dentistry as well as the other health professions such as optometry, podiatry, pharmacy or veterinary medicine. Whether a student looks toward a career in medicine, dentistry or one of the other health professions, he or she must take care to meet the particular requirements of any professional school at which he or she anticipates possible matriculation.

Regardless of the degree curriculum pursued, the pre-health student should consult Niagara’s pre-health professions adviser, Dr. William Cliff, regarding selection of courses, qualifying, preparing and applying to professional school.

The program also offers qualified premedical students the opportunity to apply for the State University of Buffalo Medical School’s Early Assurance Program. In addition, the program offers to qualified students “3+4” programs in conjunction with the State University of Buffalo Dental School and School of Pharmacy. The program also offers “3+4” and “2+3” in conjunction with Lake Erie College of Osteopathic Medicine and College of Pharmacy. For more information contact Dr. Cliff.

Preprofessional Tracks

State University at Buffalo

Premed (Early Assurance Program)

Niagara University undergraduates planning a career in medicine can apply to the State University Medical School at Buffalo under the early assurance program after their first three semesters (during the second semester of their sophomore year). If accepted, they will be eligible to apply for a place in the medical school class two years later. Students seeking early admission to medical school must apply no later than February 1 of their second semester of their sophomore year. The requirements are high: a GPA of 3.75 in science and nonscience courses, SAT scores combined 1400, and completion of one half of the premedical requirements.

Predental (3+4)

This program is for students in the biology and chemistry programs at Niagara University. It consists of three years in the biology and/or chemistry at Niagara University, the fourth year of the BS degree in biology or the BA degree in chemistry and the remaining three years at the University at Buffalo dental school. At the end of the fourth year (which is the first year of the dental program), Niagara University will award the students the B.S. in biology or the B.A. in chemistry.

This is a combined degree program in dental medicine between Niagara University and the University at Buffalo School of Dental Medicine. Students accepted into this program may complete the Doctor of Dental Medicine in seven years instead of the usual eight years.

Prepharmacy (3+4)

Niagara University and the State University of New York at Buffalo School of Pharmacy and Pharmaceutical Sciences have agreed to cooperate in providing an accelerated 3+4 undergraduate/ professional school education leading to the baccalaureate degree in biology or chemistry from Niagara University and the doctor of pharmacy (Pharm.D.) degree from the University at Buffalo.

Niagara University students who qualify may receive a conditional acceptance into this program based upon the completion of the prepharmacy requirements before June 30 of the admission year. The University at Buffalo may also require a formal interview with a designated interviewer as part of the Pharm.D. admission processes.

Interested students who have fulfilled the prerequisites set by the School of Pharmacy must submit an application through the Pharmacy College Application Service (Pharm CAS) during the fall of their junior year at Niagara University, no later than December 1 (or a mutually agreed upon date).

Doctorate in Educational Administration

The department of education at Niagara University and the department of educational leadership and policy at the University at Buffalo have reached an agreement to facilitate the transfer of credit from the graduate programs in educational administration at Niagara University into the educational leadership degree program at the University at Buffalo.

All appropriate course work at Niagara University with a grade of B or better and completed within 10 years will be considered for transfer into the University at Buffalo doctoral program in educational administration. At least 49-52 graduate credit hours must still be completed at the University at Buffalo. Niagara University graduate students interested in pursuing the doctorate in educational administration should seek advisement for the same at their earliest convenience.

Doctorate in School Counseling

The department of education at Niagara University and the department of educational leadership and policy have formed an articulation agreement to facilitate the transfer of credit into the University at Buffalo's doctoral program in school counseling. The transfer conditions are much the same as those for the Doctor in Educational Administration.

The Lake Erie College of Osteopathic Medicine

Pre-osteopathic Medicine (3+4)

For admission to the LECOM College of Osteopathic Medicine program, Niagara University students must complete the first three-year phase (phase I) at Niagara University in either the B.S. in biology or the B.A. in chemistry. Following the successful completion of the ascribed undergraduate phase of training, phase I, Niagara University students will continue with the second phase, phase II, under the auspices of LECOM and at associated clinical training sites.

The first year of phase II will constitute the fourth year of the Niagara University Students' B.S. degree in biology or the B.A. in chemistry. Upon successful completion of this year, Niagara University will award the students a B.S. in biology or a B.A. in chemistry.

To be admitted to phase II of the program, Niagara University students must apply through AACOMAS no later than July 15 of the junior year. A LECOM secondary application must also be completed and submitted by August 15 at the end of the junior year and prior to the scheduling the admissions interview.

Prepharmacy Medicine (2+3)

Niagara University and Lake Erie College of Pharmacy have formed a partnership offering Niagara University students in biology or chemistry the opportunity to enroll in its 2+3 five-year prepharmacy degree program (Pharm.D.). Traditionally, it takes LECOM students nine or more years to obtain a doctorate degree in pharmacy.

The 2+3 prepharmacy program between NU and LECOM involves two phases. During phase one, select students who are in the top 25 percent of their graduating high school class will complete their first two years at Niagara University, taking a specified curriculum in biology or chemistry, and maintaining a 3.2 GPA with no grades lower than C.

During phase two of the prepharmacy program, students complete three years at LECOM School of Pharmacy where classes run 12 months of the year. Students will graduate with a doctor of pharmacy degree (Pharm.D.) which has become the preferred educational level for pharmacists.

Committee on Recommendations for Premedical and Pre dental Students

The Committee on Recommendations for Pre-Medical and Pre-Dental students is chaired by the pre-health adviser and is made up of the Dean of the College of Arts and Sciences, faculty, health professionals and other individuals chosen from various scholastic areas. All recommendations for the pre-health students are written by this committee after consultation with appropriate members of the faculty. Pertinent information is also sought from the offices of the Dean and the Director of Student Activities. Information is also sought from others who may have a sound first hand basis for appraising the applicant.

The Office of the Adviser on Graduate Scholarships

This is a student service designed to assist, by way of counsel and information, students who wish to extend their education beyond the baccalaureate level in graduate or professional schools. The faculty adviser is available for counseling on the various aspects of applying to graduate school, and also serves as the campus representative for several scholarship foundations: Fulbright-Hays, New York State Regents, Rhodes, Jacob Javits, and Woodrow Wilson Fellowships. Applications for entrance exams are available from the faculty adviser or the career development office.

Students are welcome to use the facilities any time during or after their stay at NU, and are encouraged to begin preparing material for graduate school applications in their junior year.



Continuing and Community Education

JonJay Stockslader, Director

www.niagara.edu/cce

(716) 286-8181



Continuing and Community Education focuses upon the development, marketing and implementation of credit and credit-free courses, and conferences at Niagara University. Continuing and community education supports academic departments and colleges with the planning, development and delivery of educational opportunities.

Continuing Education (credit programs)

A variety of classes are offered to individuals who want to continue their education. Through these offerings, students are provided with the opportunity to work toward a degree, make up classes or distribute their course work into a convenient schedule. As the division expands, more continuing education offerings during the day, evening and weekend will become available for the adult student. Students may obtain life experience credit by applying to each individual department to have their portfolios reviewed. A variety of classes are offered in the summer to current Niagara students as well as to students returning to the area from other colleges.

Credit-free Programs

Students who want to learn a new skill or hobby or just take classes for the fun of it look to the credit-free division. Most courses in this area are short-term, affordable ones. Students do not receive college credits, but may earn Continuing Education Units or certificates from the department. Courses in this area consist of computer training, physical fitness, art and personal growth.

Conference Services

Conference services provides professional meeting services to a wide range of organizations, associations, businesses and governmental agencies. The conference staff can assist with all aspects of events from the planning stage through the actual event and beyond to the evaluation process. The Conference Services Division, as a part of continuing education, provides the region with campus facilities designed to satisfy the continuing education needs of a broad spectrum of citizens. Whether managing the annual meeting of a professional association, providing a week-long institute for a nonprofit organization, or hosting a leadership forum for high school scholar-athletes, the office seeks to design and deliver high-quality educational programs on campus.

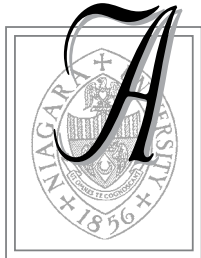
Study Abroad

Bernadette Brennen, Study Abroad Coordinator

bmb@niagara.edu

www.niagara.edu/sap

(716) 286-8360



All students are encouraged to study abroad for a semester or a summer session. NU recognizes the value of diverse cultural and academic experiences and continues to expand the program offerings abroad. Students should begin to work with their academic adviser as early as their freshman year to plan their international experience. It is important to meet with the study-abroad adviser at least one semester prior to departure.

NU encourages all students going abroad to continue matriculation at Niagara. After meeting with the study abroad coordinator, the dean and the study-abroad adviser must approve the student's choice of program and course work. Ordinarily, approval will be given for one semester abroad. Selection of eligible students will be based on evaluation of the student, who must be in good academic standing, making satisfactory academic progress, and usually of at least junior-year standing.

N.U.-Affiliated Programs

American Institute for Foreign Studies (AIFS)

www.aifsbroad.com

Study abroad for a semester with the American Institute for Foreign Studies (AIFS). AIFS is an exciting and educational experience you will remember all your life. AIFS has programs in Asia, Australia, Europe, South America and South Africa. You can study French, art history, and fashion in Paris, take Italian, studio art and literature at Richmond in Florence or study Spanish language and culture at the University of Salamanca in Spain. You can even take an internship at a world-class company in London or work at a community placement in South Africa on our Service Learning program.

Córdoba, Argentina

www.uccor.edu.ar

www.studyinspain.org

Córdoba, the capital of the province of Córdoba, is the second largest city in Argentina. It offers cultural activities, sports facilities, music and theatres. Nearby lakes and mountains allow for many kinds of summer and winter recreation. Córdoba is home to the highest concentration of university students from all over Argentina and neighboring countries.

The university's 5,000 students enjoy the convenience of modern classrooms and living space, sports fields and other facilities in an easily accessible campus. The campus is dotted with shady trees and green fields. Its location gives you easy access to shopping, nightlife and public transportation.

Mar del Plata, Argentina – semester

www.ufasta.edu.ar

The daily life of the international student at FASTA University is centered on three spheres: becoming a part of the host family or student group; cultivating a social life in Argentina; and actively participating in university classes. Argentine people are very interested in meeting newcomers and always make international students feel at home.

Argentina is a diverse country with plenty to see and do. Students can visit beaches and giant waterfalls in tropical rainforests, ski the Andes, go horseback riding on the Pampas, or watch whales and penguins off the tip of Patagonia. With 47 km of astonishing coasts with cliffs, ravines, sand dunes and beaches, students can find fun or peace and quiet in this exciting learning environment.

Brisbane, Australia

www.usc.edu.au/international

The Sunshine Coast, one of the most beautiful regions in Australia, has world-class surfing beaches, national parks and a subtropical climate suited to an outdoor lifestyle. The University of the Sunshine Coast is approximately 10 minutes from the beach and one hour from Queensland's capital, Brisbane. You can immerse yourself in Australian lifestyle and culture while you earn full credit toward your degree. Areas of study include journalism, public relations, international business, tourism, marketing and education.

Carnival Caribbean Cruise

Three semester hours – winter session

The hospitality and tourism industry is a broad one with many different sectors. One of the fastest growing sectors is the cruise industry, a field that has grown 50 percent in the past six years. To help prepare our students as managers in the cruise industry, the College of Hospitality and Tourism Management offers a cruise course with Carnival Cruise Lines, the world's largest cruise line. Part of the course entails an actual cruise so that students understand the cruise experience and the service and logistical requirements unique to this particular industry. Students also spend time with senior executives from Carnival at their corporate headquarters in Miami.



Santiago, Chile – summer/semester

Students interested in Latin America can study in one of the most beautiful countries in South America: Chile. The University Santo Tomas (UST) is the leading university in Santiago, the capital of the country. Niagara students can go abroad to Chile for the spring semester and take a variety of classes offered in all majors. Students from NU studying in Chile have an adviser that continually supervises their academic needs, especially improvement of the Spanish language.

London, England – summer

www.schiller.edu

A unique study-abroad program was designed for Niagara University students at the central London campus of Schiller International University. This program is a seven-week summer session, beginning in the latter part of May, which allows Niagara students to study in the heart of one of the world's greatest cities. Schiller's London campus is located within a short walking distance of Parliament, Westminster Abbey, Buckingham Palace, Trafalgar Square, Piccadilly Circus, the theatre district, and the great museums of London. Schiller also offers a London program for students of theatre studies, drama and English literature, covering both classic and contemporary drama. Students attend numerous productions at the new Globe Theatre and Stratford-Upon-Avon. Courses include Shakespeare, Elizabethan & Jacobean Drama, Classical Drama, Irish Drama & Oscar Wilde and 20th Century Drama.

Angers, France – summer/semester

www.uco.fr/index2.html

The Université Catholique De L'Ouest, situated in the center of Angers in the Loire Valley region of west-central France, offers sessions in the summer, as well as during both academic semesters. In addition to a wide range of courses in French language, culture and literature, the university offers programs in history, economics, translation, art, music, theatre, philosophy and theology. Students also have the option to pursue official certification in the French language by the Alliance Francaise and by the French Chamber of Commerce.*

Lille, France – summer/semester

www.fupl.asso.fr

The Catholic University of Lille offers a cosmopolitan setting with 10,000 students, five university faculties, 35 schools and institutes, 40 research centers and laboratories and over 30 agreements with foreign universities representing the most diversified private university in France.

Lake Como, Italy – summer

The College of Hospitality and Tourism Management has developed a unique, full-time, 10-week work abroad program in Lake Como, Italy, one of the most scenic areas in the world. Lake Como is one of the picturesque Italian lakes located in northern Italy with Switzerland a few miles away. One of the participating properties is the 10-acre Villa d'Este, a grand hotel located in Cernobbio on Lake Como. The Villa d'Este is a Leading Hotel of the World and had been ranked as both Europe's number one hotel and the number one hotel in the world. Students live at the property and receive free room and board.

Padua, Italy – summer

The College of Business Administration has developed a business student exchange program with the University of Padua. Courses in Italy are taught in English. If a student is fluent in the Italian language they can take a wider selection of courses. Our students can also take courses in the Italian Studies Program at Niagara in preparation for the student exchange. The University of Padua is among the oldest universities in Europe, and the business program is a heralded program in Italy. The city of Padua is a short distance from Venice.

Monterrey, Mexico – semester

www.itesm.mx/study@itesm

ITESM (Instituto Tecnológico y de Estudios Superiores de Monterrey), also known as Monterrey TEC, is one of the best private universities in all Latin America. TEC is widely known for its excellent degree programs and state-of-the-art facilities as well as its highly developed programs for learning different topics such as: Spanish, business in Mexico and Mexican culture. TEC has campuses in Cuernavaca, Guadalajara, Mazatlan, Mexico City, Monterrey and Queretaro. All offer programs for international students; all have international student advisers and support systems for students from abroad.

Maastricht, Netherlands – summer

www.ces.unimaas.nl

A new study-abroad program created especially for education students allows those involved to study educational issues in various schools within the city. Throughout the two-week program, students visit schools in the city of Maastricht, Netherlands, which lies on the rivers Maas and Jeket, at the foot of Mount St. Peter. The city is in close proximity to Belgium and Germany and offers a wealth of historic buildings, a new economic center, monuments, music boutiques, restaurants, and pavement cafes.

The three-credit-hour course is taught in English by Niagara University faculty and includes field experience hours. This two-week program runs during the first summer session at the end of May.

Seville, Spain – summer/semester

www.cccs.com

Through the Center for Cross-Cultural Studies, Niagara University provides students with a vibrant cultural experience in the historical city of Seville. In our semester, academic year, January term and summer sessions, we offer programs of academic excellence, all grounded in the cultural richness of Seville and of Spain.*

Taiwan & Japan

<http://purple.niagara.edu/taiwanjapan/>

The College of Business Administration will offer a two-week study-abroad program to Taiwan and Japan from the end of May to the first week in June, which will allow students to be exposed to a different cultural environment of global economy. This is a research and writing intensive course based on the philosophy of "Learning by Seeing." Participating students will earn three credit hours in management and satisfy the cultural diversity requirement (MGT 420 A21).

Thailand

<http://www.niagara.edu/sap/Thailand.htm>

Thailand is one of the most vibrant cities in Asia. This unique graduate course is designed to provide various multicultural educational experiences with Thai administrators, teachers and students. Program participants will explore Thai school organization, teaching methodology and educational philosophy. The program itinerary included visits to several schools in Bangkok and cultural excursions to the coastal city of Phuket and to the tribal area of Chiang Mai. Students will have an opportunity both to observe and to teach. This three-credit hour course satisfies the requirements for course work in multicultural education and provides field experience hours. The course is offered only in the mid-summer.

College Consortium for International Studies

CCIS – summer/semester

CCIS is a partnership of colleges and universities that encompasses the broad spectrum of international education. Students may choose from more than 80 study-abroad programs in 30 countries around the world: Argentina, Australia, Austria, Bulgaria, Canada, China, Costa Rica, Czech Republic, Denmark, Dominican Republic, Ecuador, England, France, Germany, Greece, Hungary, India, Ireland, Italy, Japan, Mexico, Morocco, New Zealand, Peru, Portugal, Russia, Scotland, Spain, and Switzerland. This is an NU-affiliated program.

Fund for the Improvement of Postsecondary Education Mobility Project

As a result of the North American Free Trade Agreement, business graduates with strong knowledge of comparative accounting systems, business practices and cultural systems are needed in the United States, Canada and Mexico. As participants in the FIPSE Mobility Project, faculty and students from Niagara University and five other institutions in the United States, Canada and Mexico will participate in a study-abroad/faculty exchange program to assist in the development of an integrated curriculum in accounting. Each institution will select seven students, who will study for one semester at each participating university over a three-year period. The six participating institutions will develop an integrated, tri-national course in comparative accounting systems. This course will be offered on an ongoing basis during the project, and will be continued after the grant period.

Non-NU programs

NU students may also study in other countries through non-NU-affiliated programs, which are approved for transfer credit. Information is available from the study-abroad adviser.

Financial Aid/Study-Abroad

Statement of Policy

- (1) Students must apply for financial aid by completing the appropriate financial aid application forms in a timely fashion. Most visa approvals require verification of ability to pay tuition, room and board, and expenses while abroad.
- (2) There are two types of study-abroad programs with which financial aid may be concerned:

Niagara University-affiliated programs (at present Caribbean, Santiago, London, Angers, Lille, Lake Como, Monterrey, Mar del Plata, Maastricht, Seville, Padua, and CCIS programs) for which NU credit is given. Students enrolled in a Niagara University-affiliated program may be eligible for institutional, federal, and New York state aid.

Other programs, which are approved for transfer credit. Students enrolled in these programs are NOT eligible for institutional aid, but may be eligible for federal and New York state aid.

- (3) Students who receive Niagara University scholarships, grants or tuition remissions will have their institutional aid eligibility limited to the difference between Niagara University charges and the direct cash payment by Niagara University to the study-abroad program.
- (4) Students who are recipients of Niagara University athletic scholarships must first obtain approval from the athletic director to avoid conflicts between athletic scholarship obligations and the semester abroad.





Directory

2007-2009

Trustees and Officers

Board of Trustees

Robert J. Dwyer, B.A., D.C.S. (Hon.)

Chair

Robert J. Alexander, B.S.

James R. Boldt, M.B.A.

Lynn M. Boorady, Ph.D.

Earl W. Brydges, Jr., J.D., LL.D. (Hon.)

Trustee Emeritus

David N. Campbell, M.S., D.C.S. (Hon.)

Trustee Emeritus

Robert J. Castellani, M.B.A.

Richard F. Chapdelaine, B.S., D.C.S., LL.D. (Hon.)

Trustee Emeritus

Robert J. Clune, Esq., J.D.

Robert J. Daino, B.S.

Rev. Joseph V. Daly, C.M., M.A., M.S., LL.D. (Hon.)

Trustee Emeritus

Margaret Ranft Day, J.D.

Mary A. Dineen, Ed.D., Pd.D. (Hon.)

Trustee Emerita

Robert B. Engel, B.B.A., D.C.S. (Hon.)

E. John Finn, B.S., D.C.S. (Hon.)

Trustee Emeritus

Rev. John Freund, C.M., S.T.L., M.Div.

William T. Gacioch, B.B.A.

Paul Gibson, Jr., J.D., D.C.S. (Hon.)

Trustee Emeritus

Christopher M. Glynn, B.S.

James V. Glynn, B.S., D.C.S. (Hon.)

Chair Emeritus

Rev. Donald J. Harrington, C.M., S.T.D. (Hon.)

Trustee Emeritus

Rev. Dennis H. Holtschneider, C.M., M.Div., Th.M., Ed.D.

Jeffrey R. Holzschuh, B.S., D.C.S. (Hon.)

John M. Howard, B.A.

Muriel A. Howard, Ph.D.

Paul W. Joy, B.S., D.C.S. (Hon.)

Trustee Emeritus

Sister Carol Keehan, D.C., M.S.

Bernard J. Kennedy, J.D., D.C.S. (Hon.)

Trustee Emeritus

Rev. Joseph L. Levesque, C.M., S.T.D., L.H.D. (Hon.)

Rev. Gerard H. Luttenberger, C.M., S.T.D., Pd.D. (Hon.)

Trustee Emeritus

Sister Mary Francis Martin, D.C., M.A.

Rev. Joseph P. McClain, C.M., S.T.D.

Trustee Emeritus

Rev. John H. McKenna, C.M., S.T.D., Pd.D. (Hon.)

Trustee Emeritus

Rev. Thomas F. McKenna, C.M., S.T.D., Pd.D. (Hon.)

Paul M. McManus, B.S., D.C.S. (Hon.)

Kathleen P. Monti, M.B.A.

Thomas M. O'Brien, M.B.A.

Very Rev. David M. O'Connell, C.M., J.C.D.

John F. Riordan, M.B.A., D.C.S. (Hon.)

Trustee Emeritus

John P. Rumschik, B.A.

John R. Sanderson, B.B.A.

Rev. John Sledziona, C.M., M.Div.

Marsha Joy Sullivan, B.S.

Thomas E. Taylor, B.A., D.C.S. (Hon.)

Trustee Emeritus

University Officers

Rev. Joseph L. Levesque, C.M., S.T.D., L.H.D. (Hon.)

President

Bonnie Rose, Ph.D.

Executive Vice President/Vice President for Academic Affairs

Michael S. Jaszka, B.S.

Vice President for Administration

Donald P. Bielecki, M.S.

Vice President for Institutional Advancement

Sheila L. Hausrath, M.S.Ed.

Vice President for Student Life

Niagara University Board of Advisers

James M. Bedard III

Kelly G. Besaw

John D. Burke

Ronald R. Campbell

Carol M. Cassell

Jeffrey O. Dann

Thomas P. Denn

Colleen C. Dowd

Thomas Flannery

Gregory L. French, D.M.D.

Mark J. Gabriele, Esq.

Michael R. Giaquinto

Hon. Jerome C. Gorski

John Holland

John Hutchins

Nathan Marton

Larry A. Montani

John G. Nolan, Jr.

Paul E. O'Leary, Jr.

Thomas A. Summers, M.D.

Rocco Surace

Robert G. Wellner

University Sectors

Office of the President

Rev. Joseph L. Levesque, C.M.

President

Sr. Nora Gatto, D.C.

Executive Director of University Mission and Ministry

Rev. John Maher, C.M.

University Chaplain, Campus Minister

Thomas J. Sheeran, Ed.D.

Director of University Mission

Stephanie Cole, J.D.

General Counsel

Office of the Executive Vice President

Bonnie Rose, Ph.D.

Executive Vice President and Chief Operating Officer

Jeannine Brown Miller, M.A., SPHR

Director, Human Resources

Fred Heuer, M.B.A.

Assistant Vice President for Marketing

Catherine Serianni, M.S.Ed.

Director, Institutional Research

Judy Willard, Ph.D.

Assistant to President for Planning

Office of the Vice President for Academic Affairs

Bonnie Rose, Ph.D.

Vice President for Academic Affairs

Lenora Andrews, M.A.

Director Records & Operations

Mary Borgognoni, M.P.A.

Associate Vice President for Academic Affairs (Operations & Outreach)

Bernadette Brennen, M.S.Ed.

Assistant to the Academic Vice President, Study Abroad Coordinator

Marilynn Fleckenstein, Ph.D.

Associate Vice President for Academic Affairs (Policy & Programs)

TBD

Director, Castellani Art Museum

Debra A. Colley, Ph.D.

Dean, College of Education

Philip Scherer, Ph.D.

Interim Dean, College of Business Administration

Patricia G. Kinner, M.A.

Director, Academic Support

Antonia Knight, M.S.

Director of Academic Exploration

Harry Gong

Director of Admissions

Adrienne Leibowitz, B.A.

Director of Sponsored Research & Grants

Nancy E. McGlen, Ph.D.

Dean, College of Arts and Sciences

Mike Konopski, M.S.

Dean of Enrollment Management

Gary D. Praetzel, Ph.D.

Dean, College of Hospitality and Tourism Management

Maureen Salfi, M.S.Ed.

Director, Financial Aid

David Schoen, M.L.S.

Director of Libraries

JonJay Stockslader, M.S.

Director, Continuing & Community Education

John B. Stranges, Ph.D.

University Professor

Office of the Vice President for Student Life

Sheila L. Hausrath, M.S.Ed.

Vice President for Student Life

John F. Barker, B.S.

Director of Campus Safety

David E. Blackburn, M.S.

Director of Multicultural and International Student Affairs

Joseph H. Cuda, M.A.

Dean of Student Affairs

Christopher R. Sheffield, M.S.

Assistant Dean of Student Affairs

(University Judicial Officer)

Thomas M. McDermott, M.S., NCC

Director of Counseling Services

Mati M. Ortiz, M.S.Ed.

Director of Campus Activities

Michael J. Skowronski, B.S.

Employer Relations Coordinator

John K. Spanbauer, M.S.Ed.

Director of Recreation, Intramurals and Club Sports

Robert P. Swanson, M.S.Ed.

Coordinator of Cooperative Education

TBD

Director of Career Development

TBD

Director of Health Services

Kimberly J. Zukowski, M.S.Ed.

Director of University Housing

Office of the Vice President for Administration

Michael S. Jaszka, B.S., C.P.A.

Vice President for Administration

Jacqueline A. Agnello, M.B.A.

Assistant Controller – Budget

William Agronin, M.Ed.

Head Coach, Women's Basketball

William Baker

General Manager, Food Service

Paul Barker

Assistant Athletic Director/Operations

Theresa Berg, B.A., M.S.

Associate Athletic Director/SWA

David Burkholder

Head Coach, Men's Ice Hockey

Paul Calkins

Head Coach, Women's Tennis

Chris Chernisky, B.A.

Head Coach, Baseball

Susan Clements, B.S.

Head Coach, Women's Volleyball

Al Dirschberger, M.S.W.

Head Coach, Softball

Christopher Errington, B.A.

Director of Student Accounts

Christy Ferguson, M.S.Ed.

Director of Contract Services and Risk Management

Daniel M. Guariglia, B.S.

Director of Facility Services

Glenn Hofmann, B.A., M.S.Ed.
Associate Athletic Director/External Affairs

Richard P. Kernin, B.S.
Director of Information Technology

Elmer Lemus
Facilities Manager

Michael Mansour, B.S., M.S.Ed.
Head Coach, Women's Lacrosse

Dermot McGrane, B.S., M.S.
Head Coach, Men's Soccer

Edward McLaughlin
Director of Athletics

Joseph Mihalich, M.Ed.
Head Coach, Men's Basketball

Kevin Miller, B.S.
Head Coach, Men's Golf

John Munro, M.S.Ed.
Assistant Athletic Director Sports Medicine

Jennifer Nagelhout, B.A.
Manager, Campus Store

Benjamin Nigro, B.S.
Head Coach, Men's and Women's Swimming

Margot Page, B.Ed., B.P.E.
Head Coach, Women's Ice Hockey

Herman R. Platt, M.S.Ed.
Director of Media Resources

Michele Schmidt, B.S., M.Ed.
Assistant Athletics Director, Media Relations

Donald E. Smith, M.B.A.
Controller

Peter Veltri, M.A.
Head Coach, Women's Soccer

Trevor White, B.A.
Head Coach, Men's and Women's Cross Country

Office of the Vice President for Institutional Advancement

Donald Bielecki, M.S.
Vice President for Institutional Advancement

Colette F. Atkins, M.B.A.
Regional Major Gifts Officer

Art V. Cardella, M.S.
Director of Alumni Relations

Jennifer B. Coppola, B.A.
Associate Director of Alumni Relations

Gregory Duke, D.Phil.
Senior Research Associate

Christine M. Dunets, A.S.
Gift Accountant

Wade S. Hart, B.S.
Major Gifts Officer

Suzanne M. Karaszewski, B.A.
Graphic Designer

Loretta C. Madia, '86, B.S.
Senior Development Associate

Lisa M. McMahon, B.A.
Associate Director for Publications

Jason R. Mollica, B.A.
Assistant Director of Communications & Public Relations

Howard M. Morgan, '86, M.A.
Director of Advancement Services

Susan M. Navarro, B.A.
Regional Major Gifts Officer

Linus L. Ormsby, '88, M.S.Ed., APR
Director of Communications & Public Relations

Sandra Mann Ormsby, '67, B.A.
Director of University Events

Christine S. O'Hara, '87, B.S.
Director of Annual Giving

Denise Z. Rivers, M.A.
Director of Corporate and Foundation Relations

Peter S. Sinagra, B.A.
Major Gifts Officer for Athletics

Leslie K. Wise, '82 B.A.
Director of Major Gifts

University Committees

Academic Senate (2006-2007)

Bonnie Rose, Ph.D.
Vice President for Academic Affairs

Michael Barnwell, Ph.D.

Brian Bennett, Ph.D.

Bernadette Brennen, M.S.

Elizabeth Broomfield, M.S.

Marlo Brown, Ph.D.

Debra Colley, Ph.D.

Morgan Conway, Ph.D.

Fr. Steve Denig, C.M., Ph.D.

Wendy Duignan, Ph.D.

Kathy Ho, Ph.D.

Barbara Iannarelli, Ph.D.

Timothy Ireland, Ph.D.

Patricia Kinner, M.A.

Antonia Knight, M.S.

James McCutcheon, Ph.D.

Nancy McGlen, Ph.D.

Jacqueline Murphy, Ph.D.

Donna Phillips, Ph.D.

Gary Praetzel, Ph.D.

Ronny Priefer, Ph.D.

Mary Schreiner, Ph.D.

Steven L. Siegel

Donna Thompson, Ph.D.

Suzanne Wagner, Ph.D.

Robin Wilber, Ph.D.

Academic Senate

Affirmative Action

CARE Orientaton Committee

College Teaching and Learning

Collegium Committee

Committee on Crisis Management

Crisis Response Team

Faculty Salary Adjustment

First Year Experience

Gen Ed Task Force

Graduate Council

Harassment Education Team

Hearing Committee

HR Advisory

Human Subjects

Info Literacy Task Force

Institutional Effectiveness

Investigation and Advice

Mission Committee
NULTA Executive Committee
Promotion and Tenure
Research Council
Retention Academic Life
Retention Enrollment Services
Retention Research Council
Retention Steering Committee
Retention Student Life
Sabbatical Leave
Senate Curriculum
Senate Executive Committee
Senate Outcomes Assessment
Senate Standards and Planning
Space Allocation
Strategic Planning Committee
Study Abroad Committee
TESS Committee
Tuition Committee
University Judicial Board

External Advisory Committees

Accounting Advisory Board

J. Scott Henderson, *Chairperson*
Joseph Bertozzi
Kelly G. Besaw
Mark J. Bonner
Hope V. Certo
Michael Cucinotta
Andy Eassa
Frank Eassa
Karen Erdman
Theresa M. Fezer
Joseph A. Giarrizzo
Patrick J. Kilcullen
Gary R. Krull
Kenneth O. Potts
Ron Rich
Louis Sciarrino, II
Cory Van Deusen
Paul Waite

College of Business Administration

Dean's Advisory Board

Carol M. Cassell, *Chairperson*
Christopher Aquino
Samuel Baker
Aubrey Blackwell
James R. Boldt
Kenneth K. Conte
Francis "Skip" DiCamillo
Douglas Fiegel
F. James Ginnane
John Howard
James W. Ingham
John H. Klass
Larry Montani
Kevin J. Phelps
Nadja Piatka
Dominic C. Pino

Holly A. Sinnott
Robert Skowronski
Rocco Surace
Patrick Tomovic
R. Marshall Wingate

Criminal Justice Advisory Board

Thomas A. Constantine, *Chairperson*
Peter J. Ahearn
George Alexander
Thomas Beilein
Wayne Bennett
Gwen Boniface
John Chella
Martin Cirincione
Frank J. Clark
Harry Corbitt
Rocco J. Dina
Hon. Vincent E. Doyle
Julian Fantino
Patrick Gallivan
Joseph Giacobbe
Janice Grieshaber
Edward W. Guzdek
Christopher J. Henderson
Peter Kehoe
Jeff Maul
Matthew J. Murphy
Gary E. Nicholls
Scott R. Patronik
Ronald Stanish
Hon. Mark Violante
Ronald Winkley

College of Education

Advisory Council

Carol Beebe
Robert Bradley
Pratima Burton
Florina Castura
Summer Chapman
Rob Ciarlo
Robert DiFrancesco
Linda Feig
Clark Godshall
Denise Gonez-Santos
Carmen Grant
Lynette Haley
Kathleen Hall
Carol Henschel
Judy Howard
Geneive Johnson
Ken Krieger
Lisa Lubin
Toby Marr
Elizabeth McKeoun
Don Mesibov
Amy Miller
John Myers
Garda O'Keefe
Susan Rajnisz
Don Rappold
Dorcas Thomas

Trina Washington
Robert Williams

College of Hospitality and Tourism Management

James Bedard III
Hugh Cresser
Deborah Curtis
Jonathan Dandes
Theresa De Coninck
Anthony DeMunda
Art Eberhart
Samuel M. Ferraro
Richard Geiger
Daniel M. Homik
Michael Joseph
Michael Marsch
Paul McManus
Dennis Murphy
Russell Papia
Dinu Patel
John Percy
Tamara Quilty
Ed Rutkowski
Carl Schraibman
Richard Schroen
Jonathan Schultz
Zo Ann Schwabel
Fred Schwartz
Robert A. Stone Jr.
Paul Verciglio
Edward Watkins
Jerald Wolfgang

Gerontology Advisory Council

Susan Mason
Frances Crosby
Priscilla Dolling
Patricia Dowling
Robert Greene
Haoua Hamza
Alfonso Oddo
Todd Schoepflin
David Skiba
Jan van Harssele

Advisory Committee for Pre-Engineering Students

Dr. Nancy E. McGlen, *ex-officio*
Dr. Laurence R. Boxer, *chairperson*

Committee on Recommendations for Premedical and Predental Students

(Advisers to the health professions)
William Cliff, Ph.D., *Chairperson*
David Bonnevie, D.D.S.
Peter Butera, Ph.D.
James Delaney, Ph.D.
Robert Gadawski, M.D.
Robert Greene, Ph.D.
Joseph Little, Ph.D.
John T. Maher, C.M., MSW
Mary McCourt, Ph.D.
Nancy McGlen, Ph.D.

Full-Time Faculty

Members of the faculty and officers for 2007-2009 are listed alphabetically with their highest degree and year of appointment to the full-time faculty of Niagara University.

VINCENT AGNELLO (1979)
Professor of Law
J.D., SUNY Buffalo

ABDIWELI M. ALI (2003)
Assistant Professor of Economics
Ph.D., George Mason University

ERIC APPLETON (2005)
Assistant Professor of Theatre Studies
Ph.D., University of Wisconsin, Madison

KRISTINE AUGUSTINIAK (1997)
Assistant Professor of Education
Ph.D., SUNY Buffalo

MARY ELLEN BARDSLEY (2005)
Assistant Professor of Education
Ph.D., SUNY Buffalo

MARK R. BARNER (1995)
Associate Professor of Communication Studies
Ph.D., Ohio University

MICHAEL D. BARNWELL (2005)
Assistant Professor of Philosophy
Ph.D., Yale University

PETER J. BAXTER (1990)
Associate Professor of Political Science/Prelaw Adviser
J.D., Ph.D. SUNY Buffalo

BRIAN P. BENNETT (2001)
Associate Professor of Religious Studies
Ph.D., University of Chicago

ALEXANDER BERTLAND (2006)
Assistant Professor of Philosophy
Ph.D., Emory University

KEVIN D. BLAIR (1994)
Associate Professor of Social Work
Ph.D., SUNY Buffalo

WILLIAM L. BOECK (1965)
Research Professor of Physics &
Computer and Information Sciences
Ph.D., University of Notre Dame

ROSELIND BOGNER (2003)
Assistant Professor
Ph.D., SUNY Buffalo

HENRIK BORGSTROM (1998)
Associate Professor of French
Ph.D., University of Wisconsin, Madison

DOLORES BOWER (1996)
Dean Emeritus, College of Nursing
Professor of Nursing
Ph.D., Kent State University

- LAURENCE R. BOXER (1981)
Professor of Computer and Information Sciences
Ph.D., University of Illinois at Urbana-Champaign
- MARITZA BRANKER (2006)
Assistant Professor of Mathematics
Ph.D., University of Toronto
- KATHLEEN BROWN (2004)
Assistant Professor
Bed Ontario Teacher Education College
- MARLO BROWN (2004)
Assistant Professor of Mathematics
Ph.D., SUNY Binghamton
- PETER BUTERA (1985)
Professor of Psychology
Ph.D., Purdue University
- FRANK F. CALZI (1990)
Associate Professor of Education
Ed.D., SUNY Buffalo
- GERALD CARPENTER (1978)
Professor of History
Ph.D., Tulane University
- JAMIE CARR (2007)
Assistant Professor of English
Ph.D., University of Rhode Island
- JAE-MIN CHA (2005)
Assistant Professor of Food Service Management
Ph.D., Michigan State University
- THOMAS CHAMBERS (2003)
Associate Professor of History
Ph.D., College of William & Mary
- GRACE M. CHIUYE (2005)
Assistant Professor of Education
Ph.D., University of Akron
- PEGGY CHOONG (1998)
Associate Professor of Marketing
Ph.D., SUNY Buffalo
- WILLIAM H. CLIFF (1992)
Associate Professor of Biology
Ph.D., Cornell University
- DEBRA COLLEY (1999)
Dean, College of Education
Associate Professor of Teacher Education
Ph.D., SUNY Buffalo
- PHILIP COLLINGTON (2000)
Assistant Professor of English
Ph.D., University of Toronto
- MORGAN CONWAY (2002)
Assistant Professor
Ph.D., University of New Orleans
- RICHARD CRAMER-BENJAMIN (1998)
Associate Professor of Mathematics
Ph.D., University of Massachusetts, Amherst
- MICHAEL CRESS (2007)
Assistant Professor of Computer & Information Sciences
Ph.D., University of Hawaii - Honolulu
- FRANCES CROSBY (2006)
Assistant Professor of Nursing
Ed.D., State University of New York at Buffalo
- KENNETH CULTON (2006)
Assistant Professor of Sociology
Ph.D., Stony Brook University
- JAMES J. D'ANGELO (2005)
Supervisor of Student Teachers
M.S.Ed., Temple University
- DEXTER J. DAVIS (2005)
Assistant Professor of Sports Management
Ed.D., United States Sports Academy
- MARILYN DEIGHTON (2006)
Assistant Professor of Theatre Studies and Fine Arts
M.F.A., North Carolina School of the Arts
- JAMES J. DELANEY (2004)
Assistant Professor of Philosophy
Ph.D., SUNY Buffalo
- REV. STEPHEN J DENIG (2002)
Clinical Supervisor
C.M., Ed.D., Rutgers
- BARRY DONNER (1976)
Professor of Law
J.D., University of Akron
- ALEXANDER DORLIE (2004)
Assistant Professor
Ph.D., SUNY Buffalo
- WENDY DUIGNAN (1980)
Associate Professor of Mathematics
Ph.D., Syracuse University
- WILLIAM J. EDWARDS (2002)
Assistant Professor of Biology
Ph.D., Ohio State University
- EOUANZOU, MR KIANRE (2003)
Assistant Professor
Ph.D., University of Toronto
- ROBIN W. ERWIN, JR. (1988)
Associate Professor of Teacher Education
Ph.D., SUNY Buffalo
- TERRI FILIPS (2000)
Associate Professor of Theatre and Fine Arts
M.F.A., Texas Women
- DONNA FISHER-THOMPSON (1984)
Professor of Psychology
Ph.D., University of Missouri
- MARILYNN P. FLECKENSTEIN (1966)
Professor of Philosophy
Ph.D., Catholic University of America

- CHANDRA J. FOOTE (1996)
Associate Professor of Teacher Education
Ph.D., Syracuse University
- WILLIAM FRYE (2000)
Assistant Professor of Hotel Management
Ph.D., Pennsylvania State University
- AMELIA GALLAGHER (2006)
Assistant Professor of Religious Studies
Ph.D., McGill University
- MARK A. GALLO (1995)
Associate Professor of Biology
Ph.D., Cornell University
- MICHAEL GENTILE (2001)
Associate Professor of Recreation/Sports Management
J.D., Cleveland State University
- JOHN FRANCES GILMAN, D.C. (1973)
Emeritus Professor of Computer and Information Sciences
Ph.D., St. Louis University
- MUSTAFA GOKCEK (2007)
Assistant Professor of History
Ph.D., University of Wisconsin-Madison
- ZDENKA GREDEL-MANUELE (1969)
Professor of History
Ph.D., SUNY Buffalo
- ROBERT S. GREENE (1981)
Professor of Biology
Ph.D., SUNY Buffalo
- LISA A. HAESELER (2006)
Assistant Professor of Education
Ed.D., Duquesne University
- ROBERT D. HALL (1977)
Associate Professor of Philosophy
Ph.D., St. John's University
- HAOUA M. HAMZA (2001)
Associate Professor of Education
Ph.D., Kent State University
- TALIA HARMON (1999)
Associate Professor of Criminal Justice
Ph.D., SUNY Albany
- RAPHAEL C. HEAGGANS (2005)
Assistant Professor of Education
Ed.D., West Virginia University, Morgantown
- SHIH-JEN KATHY HO (1996)
Professor of Accounting
Ph.D., Syracuse University
- SHANNON HODGES (2000)
Assistant Professor of Education
Ph.D., Oregon State University
- YINGAN HUANG (2007)
Assistant Professor of Education
Ph.D., Queen's University
- JOSEPH HUBBERT, C.M. (1993)
Associate Professor of Religious Studies
Ph.D., Catholic University of America
- BARBARA IANNARELLI (2002)
Assistant Professor
Ph.D., SUNY Buffalo
- DOMENICK A. IANNUZZI (1947)
Emeritus Professor of Foreign Languages
M.A., University of Pennsylvania
- TIMOTHY O. IRELAND (1996)
Professor of Criminal Justice
Ph.D., SUNY Albany
- MICHAEL ISHMAN (1995)
Associate Professor of Commerce
Ph.D., SUNY Buffalo
- MATT A. JACKSON-MCCABE (2000)
Associate Professor of Religious Studies
Ph.D., University of Chicago
- JAGAT PRASAD JAIN (1979)
Professor of Accounting
Ph.D., Patna University
- PATRICIA A. JOHNSON (2006)
Assistant Professor of Accounting
MBA, SUNY Buffalo
CPA, New York State
- ROBERT KANE (2003)
Assistant Professor of History
Ph.D., University of Pennsylvania
- ERIN KARPER (2004)
Assistant Professor of English
Ph.D., Purdue University
- GREGORY L. KLEIN. O. CARM (1991)
Associate Professor of Religious Studies
D. Min., University of St. Mary of the Lake
- JAMES A. KLING (1990)
Associate Professor of Commerce
Ph.D., University of Maryland
- PAULA KOT (1997)
Associate Professor of English
Ph.D., University of Connecticut
- MICHAEL KOTARSKI (1994)
Associate Professor of Biology
Ph.D., Cornell University
- ALICE KOZEN (2001)
Associate Professor of Teacher Education
Ph.D., SUNY Buffalo
- JEANNE PHOENIX LAUREL (1992)
Associate Professor of English
Ph.D., Indiana University
- CLEMENTINE U.M. LAVERMAN (1994)
Associate Professor of Social Work
Ph.D., University of Pittsburgh

CHRISTOPHER LEE (2006)
Assistant Professor of Political Science
Ph.D., University of California - Riverside

TENPAO LEE (1987)
Professor of Commerce
Ph.D., Iowa State University

ABIGAIL LEVIN (2007)
Assistant Professor of Philosophy
Ph.D., University of Toronto

IRINA LICZEK (2006)
Assistant Professor of Political Science
Ph.D., The New School for Social Research, New York, NY

JOSEPH J. LITTLE (2005)
Assistant Professor of English
Ph.D., University of California, Santa Barbara

LISA MANNING (2006)
Assistant Professor of Accounting
MBA, SUNY Buffalo
CPA, New York State

WILLIAM J. MARTIN (1979)
Associate Professor of English
Ph.D., University of Notre Dame

SUSAN E. MASON (1979)
Professor of Psychology
Ph.D., Georgia Institute of Technology

MARY McCOURT (1999)
Associate Professor of Chemistry
Ph.D., SUNY Buffalo

JAMES McCUTCHEON (2004)
Assistant Professor of Spanish
Ph.D., University of California, Santa Barbara

NANCY E. McGLEN (1980)
Dean, College of Arts & Sciences
Professor of Political Science
Ph.D., University of Rochester

TRACIA MCKISSIC (2002)
Supervisor Student Teachers
M.S., The Evergreen State College

JUDITH MERKLE, SNDdeN (1995)
Professor of Religious Studies
Ph.D., University of St. Michael of the University of Toronto

DAVE MOFFAT (2006)
Supervisor of Student Teachers
M.Ed., Brock University

BRIAN M. MURPHY (1999)
Associate Professor of Communication Studies
Ph.D., University of Massachusetts-Amherst

JACQUELINE MURPHY (1995)
Associate Professor of Teacher Education
Ph.D., SUNY Buffalo

GEORGE J. NEIMANIS (1970)
Professor Emeritus of Commerce
M.A., New York University

RANDALL J. NICHOLS (2005)
Assistant Professor of Communication Studies
Ph.D., University of Oregon

WAYNE NORTHCUTT (1980)
Professor of History
Ph.D., University of California, Irvine

ALFONSO R. ODDO (1972)
Professor of Accounting
M.B.A., SUNY Buffalo
C.P.A., New York State

DANIEL F. O'LEARY, O.M.I. (1974)
Associate Vice President for Academic Affairs
Ed.D., University of Buffalo

TIMOTHY M. OSBERG (1982)
Professor of Psychology
Ph.D., SUNY Buffalo

WILLIAM A. PEEK (1980)
Associate Professor of Commerce
Ph.D., Syracuse University

STEPHEN PETERSON (2006)
Assistant Professor of Philosophy
Ph.D., University of Michigan

DONNA KESTER PHILLIPS (2002)
Assistant Professor of Teacher Education
Ph.D., SUNY Buffalo

BOHDAN PIKAS (1968)
Professor of Commerce
M.B.A., SUNY Buffalo

DANIEL PINTI (2001)
Associate Professor of English
Ph.D., Ohio State University

PHILLIP PIOTROWSKI (2005)
Assistant Professor
Ed.D., SUNY Buffalo

RITA H. POLLARD (1987)
Associate Professor of English
Ph.D., SUNY Buffalo

GINA PONCE DE LEON (1998)
Associate Professor of Spanish
Ph.D., University of Colorado at Boulder

GARY D. PRAETZEL (1978)
Dean, College of Hospitality and Tourism Management
Professor of Economics
Ph.D., SUNY Buffalo

RONNY PRIEFER (2005)
Assistant Professor of Chemistry
Ph.D., McGill University, Montreal

TOM QUARANTILLO (2001)
Supervisor of Student Teachers
M.S. Niagara University

DAVID REILLY (2001)
Associate Professor of Political Science
Ph.D., University of Colorado at Boulder

PAUL RICHARDSON (2005)
Associate Professor of Marketing
Ph.D., SUNY Buffalo

VINCENT JOSEPH RINALDO (2002)
Assistant Professor of Teacher Education
Ph.D., University of Toronto

CRAIG RIVERA (2002)
Assistant Professor of Criminal Justice
Ph.D., SUNY Buffalo

CARMELLO V. SAPONE (1976)
Professor of Education
Ed.D., University of Illinois

PHILIP M. SCHERER (1980)
Professor of Commerce
Ph.D., University of Missouri, Columbia

TODD SCHOEPFLIN (2004)
Assistant Professor of Sociology
Ph.D., Stony Brook University

MARY SCHREINER (1986)
Associate Professor of Chemistry
Ph.D., SUNY Buffalo

PAUL SCHUPP (2003)
Assistant Professor of Criminal Justice
Ph.D., SUNY Albany

STEVEN D. SEILHEIMER (1982)
Associate Professor of Computer and Information Sciences
M.B.A., SUNY Buffalo

THOMAS J. SHEERAN (1969)
Professor of Teacher Education
Ed.D., SUNY Buffalo

STEVEN H. SIEGEL (1977)
Associate Professor of Hotel Management
M.B.A., SUNY Buffalo

STEVEN L. SIEGEL (1964)
Associate Professor of Mathematics
M.A., SUNY Buffalo

DAVID SKIBA (2006)
Assistant Professor of Social Work
Ph.D., SUNY Buffalo

MICHAEL SMITH (2000)
Assistant Professor of Teacher Education
Ph.D., SUNY Buffalo

HELEN SNIDER (2001)
Supervisor of Student Teachers
Ed.D., Boston University

WALTER STEINER (2004)
Assistant Professor of Biology
Ph.D., University of Colorado at Boulder

MAUREEN STEVENS (CARR) (1996)
Assistant Professor of Theatre and Fine Arts
M.F.A., University of Illinois at Urbana-Champaign

CHRISTOPHER STOJ (2006)
Assistant Professor of Biochemistry
Ph.D., State University of New York at Buffalo

JOHN B. STRANGES (1968)
University Professor
Ph.D., Columbia University

ELLEN SWARTZ (2000)
Assistant Professor of Education
Ph.D., University of Rochester

SUSAN SZE (2000)
Assistant Professor of Teacher Education
Ph.D., SUNY Buffalo

DAVID B. TAYLOR (1999)
Associate Professor of Criminal Justice
Ph.D., University of California, Irvine

W. BURT THOMPSON (1987)
Professor of Psychology
Ph.D., University of Missouri, Columbia

DANIEL TOMPKINS (1999)
Associate Professor of Finance
Ph.D., University of Kentucky

AUGUSTINE TOWEY, C.M. (1964)
Professor of English and Theatre Studies
Ph.D., New York University
D.F.A., (Hon.) St. John's University

EDUARD TSECKANOVSKI (1998)
Professor of Mathematics
Ph.D., Physics and Engineering Institute, Kharkov, USSR

SYLVIA VALENTIN (2001)
Associate Professor of Teacher Education
Ph.D., J.D., SUNY Buffalo

JAN VAN HARSEL (1988)
Professor of Tourism Management
Ed.D., University of Vermont

SENECA VAUGHT (2006)
Assistant Professor of History
Ph.D., Bowling Green State University

PAUL J. VERMETTE (1985)
Professor of Teacher Education
Ed.D., SUNY Buffalo

SUZANNE WAGNER (1998)
Associate Professor of Computer and Informational Sciences
Ph.D., SUNY Buffalo

JOHN WANG (2006)
Assistant Professor of Physics
Ph.D., University of California - Berkeley

TIM WARD (1979)
Associate Professor of English and Theatre Studies
M.S.Ed., Niagara University

SHARON ONEVELO WATKINSON (1968)
Professor of English and Theatre Studies
Ph.D., New York University

TED WERNER (2002)
Supervisor of Student Teachers
M.S. Niagara University

STEFANIE ELLIS WICHHART (2007)
Assistant Professor of History
Ph.D., University of Texas at Austin

ROBIN S. WILBER (2003)
Assistant Professor of Finance
Ph.D., University of South Florida

JENNIFER WILSON-BRIDGMAN (1999)
Assistant Professor of Teacher Education
Ph.D., SUNY Buffalo

ZONGQING ZHOU (1995)
Associate Professor of Tourism Management
Ph.D., Michigan State University

ADJUNCT FACULTY

Sayaka Abe – *Japanese*
Karen Adams – *Education*
Jacqueline Agnello – *Accounting*
Virgil Alcazaran – *Business*
Mitchell Alegre – *Business*
William Allegretto, C.M. – *Religious Studies*
Boussetta Allouche – *French*
Mary Altair - *Sociology*
Jack Ampuja – *Business*
Mathew Anderson – *Philosophy*
Matteo Anello – *Education*
William Angus – *Business*
Modesto Argenio – *Communication Studies*
Ani Avdoian – *Education*
Chris Barrick – *Psychology*
Joanne Basta – *Mathematics*
Scott Beahen – *Hospitality and Tourism*
Bruce Bell – *Theatre*
Carol Beebe – *Education*
Christine Bialik – *Education*
Jennifer Borgioli – *Education*
Veronica Brierley – *Education*
Tim Brown – *Communication Studies*
Anthony Bruce – *Criminal Justice*
Kathy Brzezinski – *Education*
Bonnie Butcheri – *Education*
Theodore Byrley – *Business*
Cliff Byrnes – *Education*
Miquel Carey – *Education*
Dennis Castillo, Ph.D. – *Religious Studies*
Nicholas Cedrone – *Education*
Jan Chapados – *Education*
David J. Cockman, MSW – *Social Work and Social Sciences*

Barbara Converso – *Education*
Peter Cowden, Ph.D. – *Education*
Warren Crouse, Ph.D. – *Education*
Deborah Curtis – *Hospitality and Tourism*
Jonathan Dandes – *Hospitality and Tourism*
Elaine Dankowski – *Religious Studies*
Olga Sonia Dávila – *Education*
Priscilla DeDeyn – *English*
David DeJoe – *Criminal Justice*
Anthony DeMunda – *Hospitality and Tourism*
Stephen Devine, D.Min. – *Religious Studies*
Monica DiCamillo – *Education*
Phil Di Francesco – *Education*
Al Dirschberger, MSW – *Social Work*
Kitsy Dixon - *Sociology*
Karen E. Edmond, LMSW – *Social Work*
Frank Fera – *Education*
Margaret Feuerman – *Education*
Perry Figliotti – *Business*
David Franczyk – *History*
Janet Gane – *Communication Studies*
Steve Gattuso – *Accounting*
Cristen Gregory – *Theatre*
Regina Grogan – *Hospitality and Tourism*
Deborah Grossman – *Business*
Jeffery Grove, D.Min. – *Religious Studies*
Laura Grube – *Social Work*
Joseph Guagliardo – *Mathematics*
Lisa Haeseler – *Education*
Carol Henschel, Ed.D. – *Education*
D. Elizabeth Higgins, LMSW – *Social Work*
William Hochul – *Criminal Justice*
Thomas Hodick – *History*
Simone Hughes – *Communication Studies*
James Ingham – *Business*
Edmond Inomoto – *Computer & Information Sciences*
Marc James – *Philosophy*
Stacy Janusz – *Theatre*
Ralph Johnson – *Education*
Terry Judd – *Theatre*
Beverly Junevic – *Accounting*
Heidi Kazulak – *Education*
Victoria Kearns – *Religious Studies*
Maria Antoinette Kenyon – *Foreign Languages*
Christine Kesterson – *Religious Studies*
Jeff Klein – *Religious Studies*
Karen Koehler – *Mathematics*
Etienne J. Kojcsa – *Education*
Charles Lamb, D.Min. – *Religious Studies*
Beth Lenegan, Ph.D. – *Religious Studies*
Deborah A. Leonard, Ph.D. – *Biology*
Patricia Leszczynski – *Education*
Sharon Lowery – *Religious Studies*
Amy Luraschi – *Communication Studies*
Jill Manias – *Education*
Lisa Manning – *Business*
Frank Manuele, Ph.D. – *History*
Arlene Marian – *Biology*
Gary Marino – *Theatre*
Ida Massaro – *Education*
Catherine McLaughlin – *Philosophy*
Janet McMahon – *Criminal Justice*
Smita Mepani, Ph.D. – *Biology*

David Mercer – *Education*
Agi Mete – *Education*
Carole Monaco – *Education*
Steven Monick – *History*
Mark Mistriner – *Hospitality and Tourism*
Lisa Mrkall – *Accounting*
Benjamin Munson, Ph.D. – *Biology*
Mary Murray – *Education*
William Nelson-Loefke – *History*
Leslie Nesbitt – *Biology*
Daniel O'Brien – *Hospitality and Tourism*
Mercedes O'Dea – *English*
Christopher Oliver, Ph.D. – *Education*
Jo Ann Parla Palumbo, Ph.D. – *Education*
Larry Passanese – *Biology*
Robin Patterson – *Theatre*
Amable Paulino, Ph.D. – *Education*
Ralph Payne – *Communication Studies*
Ted Pijacki, Th.D. – *Religious Studies*
Annastasia Pikas – *Business*
Joseph Pilettere – *Communication Studies*
Richard Previte – *Communication Studies*
John Quackenbush – *Psychology*
Christina Ramsperger – *Education*
John Reith – *Mathematics*
Jean Rensel – *Pre-Engineering*
Bonnie Rutledge, Ph.D. – *Education*
Irene Rykaszewski, Ph.D. – *Psychology*
Peter Sacco, Ph.D. – *Education*
Monica Saltarelli – *Religious Studies*
William Saunders – *Criminal Justice*
Lynn Schauer-Bewley – *Communication Studies*
Thomas Scheira, Ph.D. – *Education*
Kennedy Schultz, Ph.D. – *Women's Studies Minor*
Elenora Seib – *Theatre*
Amanda Sharpe – *Theatre*
Ken Smith, Ph.D. – *Education*
Larry Smith – *Theatre*
Rose Smith – *Education*
Tracy Spagnolo – *Education*
Jeffrey Stewart – *Hospitality and Tourism*
Michael Stover – *Mathematics*
Jo Ann Streit – *Education*

Ronald Sutton – *Business*
Brother Augustine Towey, C.M. – *Theatre*
Paul Todaro – *Theatre*
Steve Vaughan – *Theatre*
Kurt Von Voetsch – *Fine Arts*
Paul Waite – *Hospitality and Tourism*
Bernie Walsh – *Criminal Justice*
Barbara Watson – *Education*
Lisa Weldon – *Education*
Edie White – *Education*
Rosalie Wiggle – *Education*
Ronald Winkley – *Criminal Justice*
Joseph Winter – *Accounting*
Jerald Wolfgang – *Hospitality and Tourism*





Index

	Page		Page		Page
Academic Calendar	2	Attendance	45	Degree Requirements	46
Academic Exploration Program (Explore)	56	Auditing a Class	24, 43	Directory Information	190
Academic Integrity	47	Awards and Prizes	49	Disabilities, Services for Students	7
Accelerated Three-Year Degree	43	Biology	60	Dismissal Status, Academic	47
Accounting	148	Biotechnology	61	Drop-Add Change of Course, Withdrawal from Class	45
Accreditation and Membership	3	Black Families Minor	65	Dwyer Arena	7
Adjunct Faculty	199	Board of Trustees	190	Earth Science	70
Admissions	19	Budget, Estimated Student	25	Economics	154
AP (Advanced Placement)	21, 44	Business Administration, College of	146	Education, College of	161
Application Instructions	21	Business, Associate Degree	152	Education, Department	165
Application Procedures	21	Business Education	152	Educational Vision	3
Campus Visit Program	19	Campus Activities	8	English	80
Challenge Examinations	21, 45	Campus Ministry	15	Environmental Studies (Coordinate Major)	85
CLEP (College-Level Examination Programs)	21, 44	Campus Programming Board	9	External Advisory Committees	193
College Transfer Credit	21	Campus Safety	17	F to R	46
CPE (New York State College Proficiency Examination Program)	21, 44	Campus Store	18	Facilities and Environment	5
Deposit Required	20, 24	CARE (Collegiate Advisement, Registration, Expenses)	8	Faculty Composition	5
Discovery Days	19	Career Development	16	Faculty, Adjunct	199
Early Admissions	19	Certification Requirements, Education	162, 165	Faculty, Full-Time	194
Early Action	19	Challenge Examination	45	Finance	154
Entrance Examinations SAT/ACT	21	Changing		Financial Aid	28
Entrance Requirements	20	Course	45	Achievement Award	29
GED	21	Major	46	Federal Student Aid Programs	33-37
Guided Campus Tours	19	School/College Within University	46	Honors Scholarship	29
HEOP (Niagara University Opportunity Program)	21, 40	Curriculum	46	Indian Affairs Aid to Native Americans, United States Bureau	38
High School Units of Preparation	20	Chemistry, Physics and Biochemistry	65	Institutional Programs	28
Home Schooled Applicants	22	Class Attendance	45	Native Americans, State Aid	40
International Baccalaureate Program	21	Classification of Students	44	New York State Programs	38
International Students	17, 22	CLEP Exam	21, 44	Niagara University Grants	29
Interviews	19	Club Sports	14	Niagara University Opportunity Program (NUOP/HEOP)	40
Open Houses	19	Clubs and Organizations		New York Scholarships for Academic Excellence	39
Policy	19	Academic	9	Out-of-State Financial Programs	42
Readmission	19	Cultural	10	Part-Time Study, Aid for (APTS)	40
Reply Date	20	Service	12	Persian Gulf Veterans Tuition Award Program (PGVTA)	41
Rolling Admissions	19	Commerce	153	Police Officers and Firefighters, Memorial Scholarships for Children and Spouses of Deceased	41
Tours, Guided Campus	19	Communication Studies	71	Presidential Scholarship	29
Transfer Applicants	22	Computer and Information Sciences	74	Regents Professional Opportunity Scholarship	40
Visits, Campus Programs	19	Computer Crime Minor	77	Robert C. Byrd Honors Scholarships (federally funded)	41
Advanced Placement	21, 44	Computer Facilities, Technology	6	ROTC Scholarships	37
Affirmative Action	3	Conference Services	186	Transfer Scholarship	30
Africana Studies Minor	59	Continuing and Community Education	186	Trustees Scholarship	29
Alumni	4	Cooperative Education	16		
Art History	59	Counseling Services	16		
Art Museum, Castellani	6	CPE Exam (New York State College Proficiency Examination Program)	21, 44		
Arts and Sciences, College of	57	Credit-free Programs	186		
Associate Degree in Business	152	Criminology and Criminal Justice	77		
Assessment Portfolios	163	Cross-Registration	43		
Athletics	13	Curricular Changes	46		
		Curriculum	51		

	Page		Page		Page
Tuition Assistant Program (TAP)	38	Life Experience	45	Residence Halls	14
Veterans (CV) Correction Officer Awards (CO), Regents Award for Child of	41	Major		ROTC Program (Military Science)	104
Veteran's Administration (VA)		Academic Program	23	Satisfactory Academic Progress	47
Educational Benefits	37	Change of	46	Dismissal	47
Vietnam Veterans Tuition and Award Program (VVTA)	41	List of	53	Probation	47
Vocational and Education Services for Individuals with Disabilities, Office of (VESID)	42	Management	154	Warning	47
Financial Information, Tuition and Fees	24	Map, Campus	inside back cover	Seal	1
Financing an Education	28	Marketing	154	Social Sciences Program	127
Fine Arts	141	Mathematics	100	Social Studies	89
First Year Experience Programs	8	Matriculated Students		Social Work	131
Food Service	18	Classification of	43	Sociology	128
Full-Time Status	43	Medical Insurance.....	17	Special Students	43
Gallagher Center.....	7	Military Science (ROTC)	104	Sports and Recreation	14
General Education	51	Minors, List of	54	St. Vincent de Paul Society	12
General Education Distribution		Mission of University.....	3	Student Affairs	8
Descriptions.....	52	Modern and Classical Languages	105	Student Governance	9
General Studies	86	Motor Vehicles/Campus Parking	17	Student Life	8
Geography of Niagara and		Multicultural and International Affairs		Students.....	4
Niagara Frontier	4, 7	(MISA)	14	Students' Rights, FERPA	48
Gerontology.....	87	Natural Sciences Minor.....	112	Study Abroad	58, 187
Gerontology Minor	88	Niagara Frontier.....	7	Supply Chain Management.....	154
Good Standing	46	Niagara University Community Action		TAP	38
Grading System and Quality Points	46	Program (NUCAP)	13	TAP Waiver	39
Graduate Divisions	55	Niagara University Opportunity Program		Technical (B2B) Marketing Minor.....	159
Graduate School and Scholarships,		(NUOP)	183	Technology	6
Adviser	186	Non-Matriculated Student	43	Theatre Studies	135
Grants and Scholarships, University	26	Nursing.....	112	Transcripts	49
Health Services	16	NUSTEP (Niagara University Senior Term		Transfer Credits	45
High School Program	43	Enrichment Program)	44	Transfer Students	22, 45, 47
History of University	4	Organization of Niagara University	4	Transfer, Philosophy & Religious Studies	
History, Department	88	Orientation, New Student	8	Requirements	45
Honors at Graduation and Dean's List	49	Parking, Automobiles	17	Trustees and Officers	190
Honors Program, University and		Part-Time Status	47	Tuition and Fees	24
Departmental	181	Passport Requirement.....	4, 22	Committee on Refunds	26
Hospitality and Tourism Management	171	Payments	27	Estimating a College Budget	25
Human Resource Management	154	Philosophy	114	Financial Aid Refund Policy	26
Housing	14	Philosophy Requirements for		Official Withdrawal/Refund Policies.....	25
Ice Complex, Dwyer Arena	7	Transfer Students	45	One-time Only Fees	24
Immigration (F1 Status)	22	Physics	65	Payments	27
Incomplete Grade	46	Political Science	116	Refund Policies	25, 26
Interdepartmental Social Sciences Program ...	127	Predental	184	Room and Board	24
Interdisciplinary Minor in Leadership.....	160	Pre-Engineering	120	Semester Fees.....	25
International Students	17, 22	Prelaw	184	Tutoring	183
International Studies Program	94	Premedical	184	University and its Mission.....	3
Intramural & Club Sports	14	Preprofessional Tracks	184	University Committees	192
Italian Studies Minor	95	President's Message	inside front cover	University Officers	190
Job Locator	16	Probation Status, Academic	47	University Sectors	191
Justice and Peace Studies Minor	96	Professional Requirement	55	University Senate	192
Kiernan (Recreation) Center	7	Psychology	121	Veterans	37
Latin American Studies Minor	97	Publications, Student – Campus Media	13	Vision	3
Law	98	Quality Point Average (QPA)	46	Warning Status, Academic	47
Leadership and Student Governance	9	Readmission After Dismissal	47	Withdrawal	
Leadership Minor.....	160	Recreation Center (Kiernan)	7	Class	45
Learn and Serve Niagara	182	Recreation, Wellness, & Club Sports.....	14	University	50
Learning Center	182	Refund Policies, Financial	25	Women's Studies Minor	143
Liberal Arts	98	Registration	44	Writing and Thinking	52
Library	5	Religious Studies	124	Writing Center	183
		Religious Studies Requirements for		Writing Studies	144
		Transfer Students	45	Writing Studies Minor	80, 145
		Required Units of Secondary School			
		Preparation	20		